

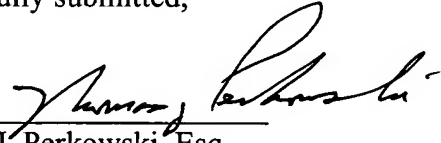
REMARKS

The Amendments to the Specification are provided for the correction of errors of a clerical nature and to ensure correspondence between the Specification and Formal Drawings filed herewith.

The Commissioner is authorized to charge any fee deficiencies to Deposit Account No. 16-1340.

Respectfully submitted,

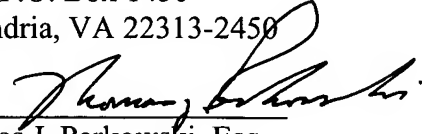
Dated: February 1, 2005


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203-357-1950
<http://www.tjpatlaw.com>

CERTIFICATE OF FIRST CLASS MAIL
UNDER 37 CFR 1.8

I hereby certify that this correspondence
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P.O. Box 1450
Alexandria, VA 22313-2450


Thomas J. Perkowski, Esq.

Dated: February 1, 2005



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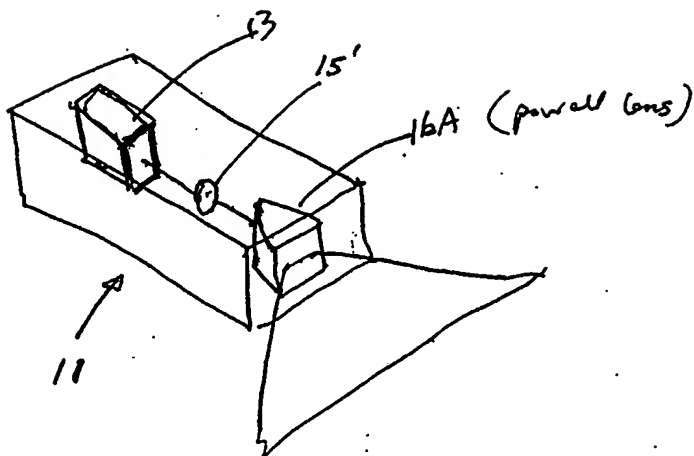


FIG. 1G.16A

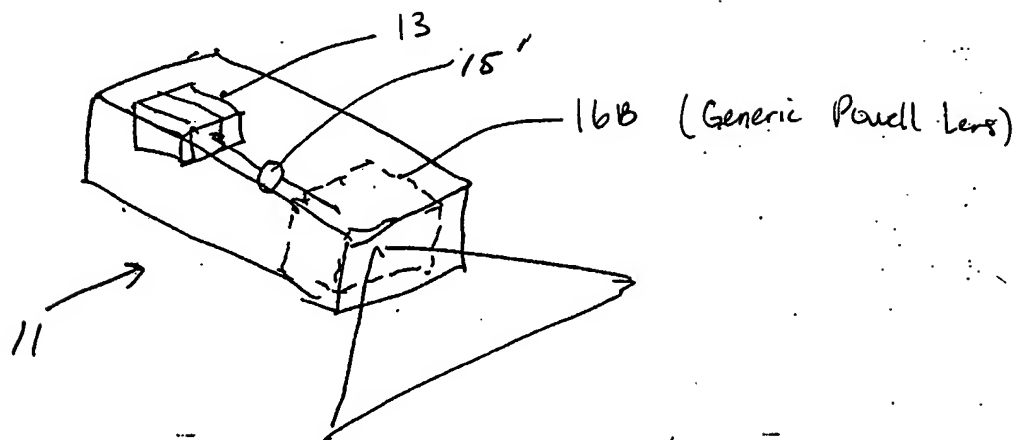
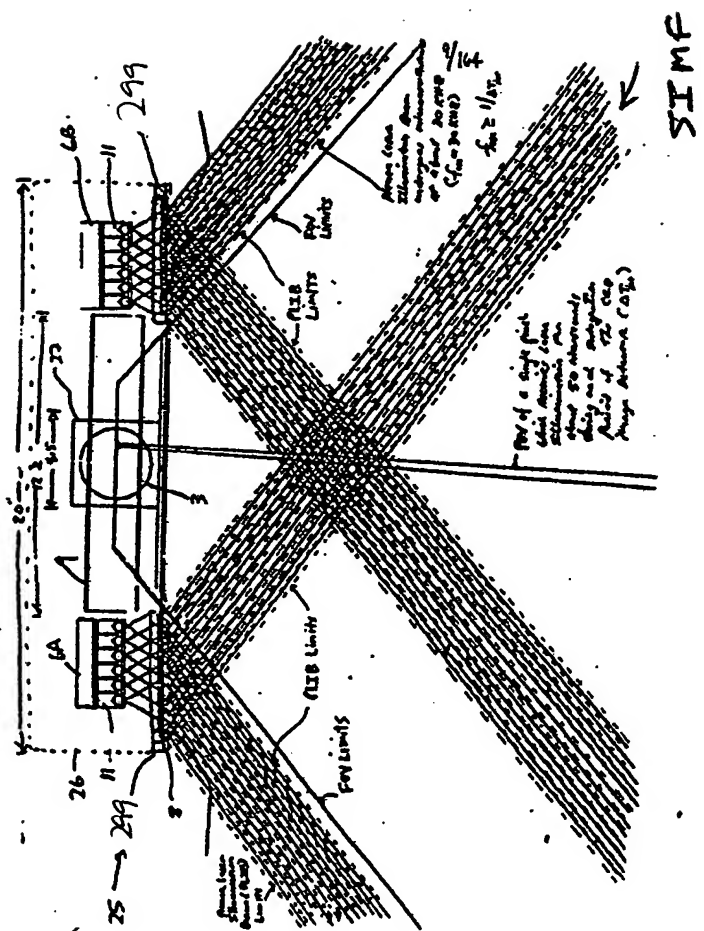


FIG. 1G.16B

PLIM of
Powell lens

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Beam to object illumination

FIG. 1I 20A

Sixth Generalized Method of
Reducing Speckle-Noise Patterns
at Image Detection Array
of the IFD Subsystem

(SIMF)

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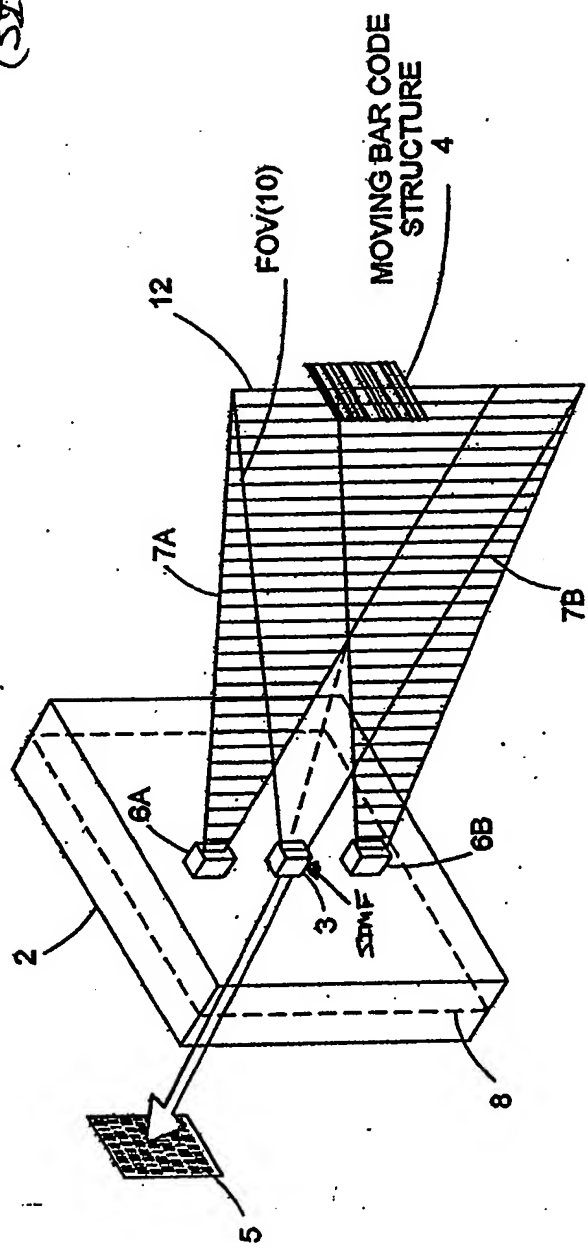


FIG. 1I 22

EIGHTH

7/1/95

**EIGHT-GENERALIZED METHOD OF REDUCING THE SPECKLE PATTERN
NOISE OBSERVED IN PLIIM-BASED IMAGING SYSTEMS**

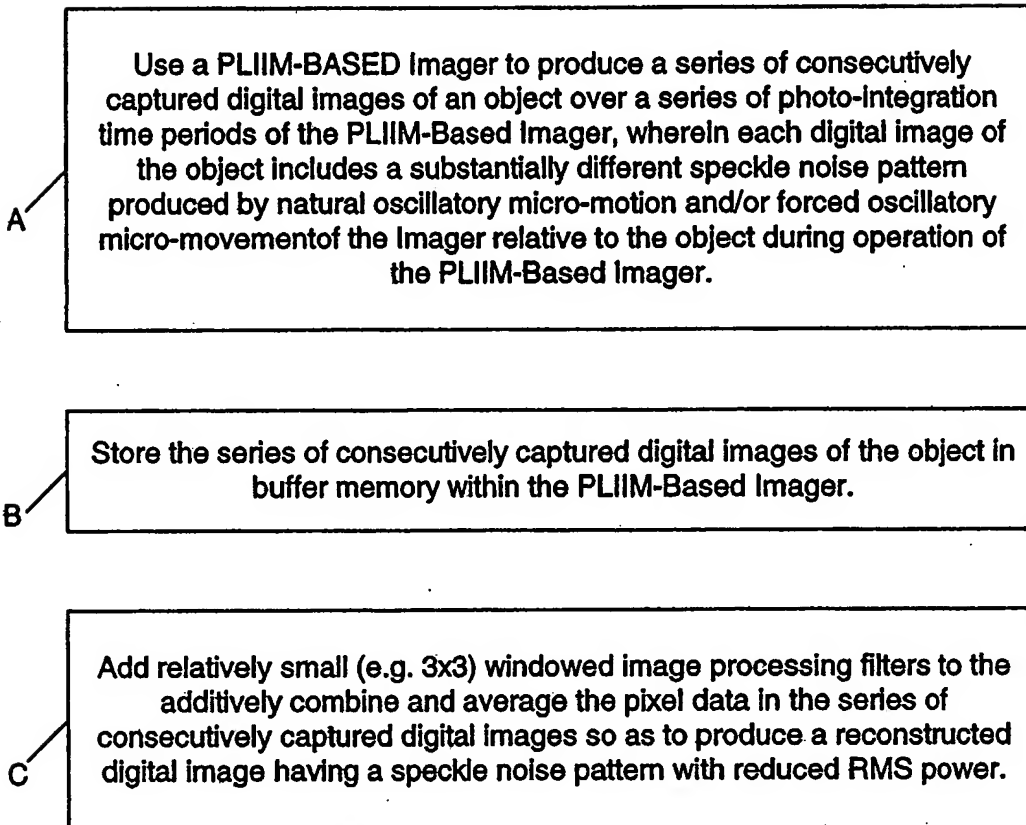
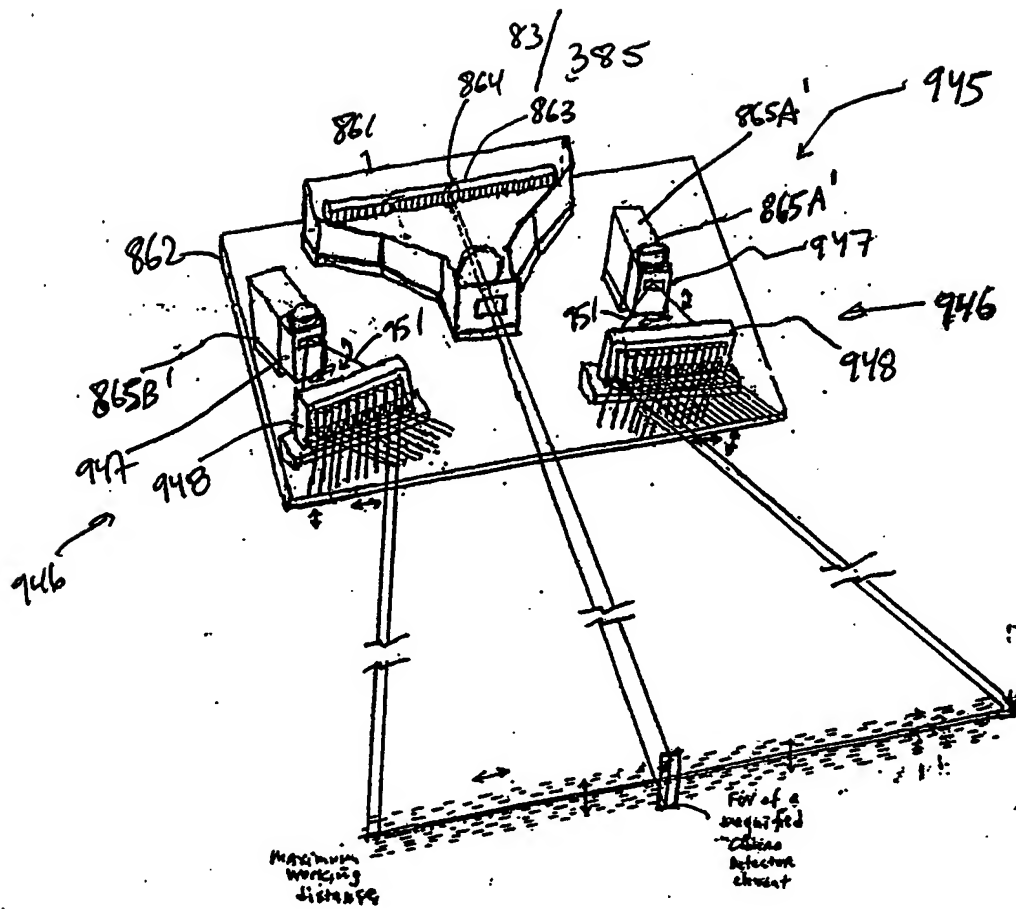


FIG. 1124D



Lateral and Transverse
Measurement of AIB

FIG. 1I25I1

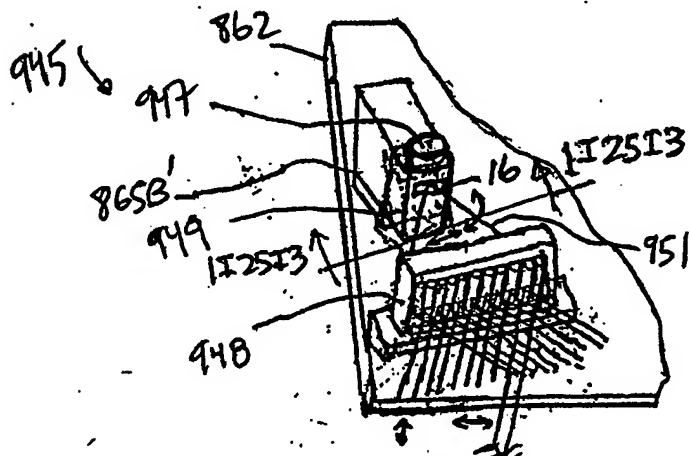


FIG. 1I25I2

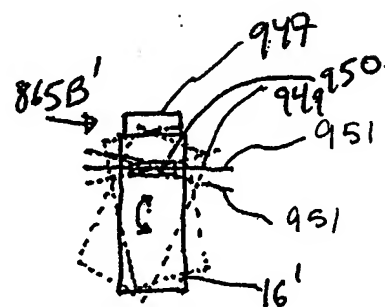


FIG. 1I25I3

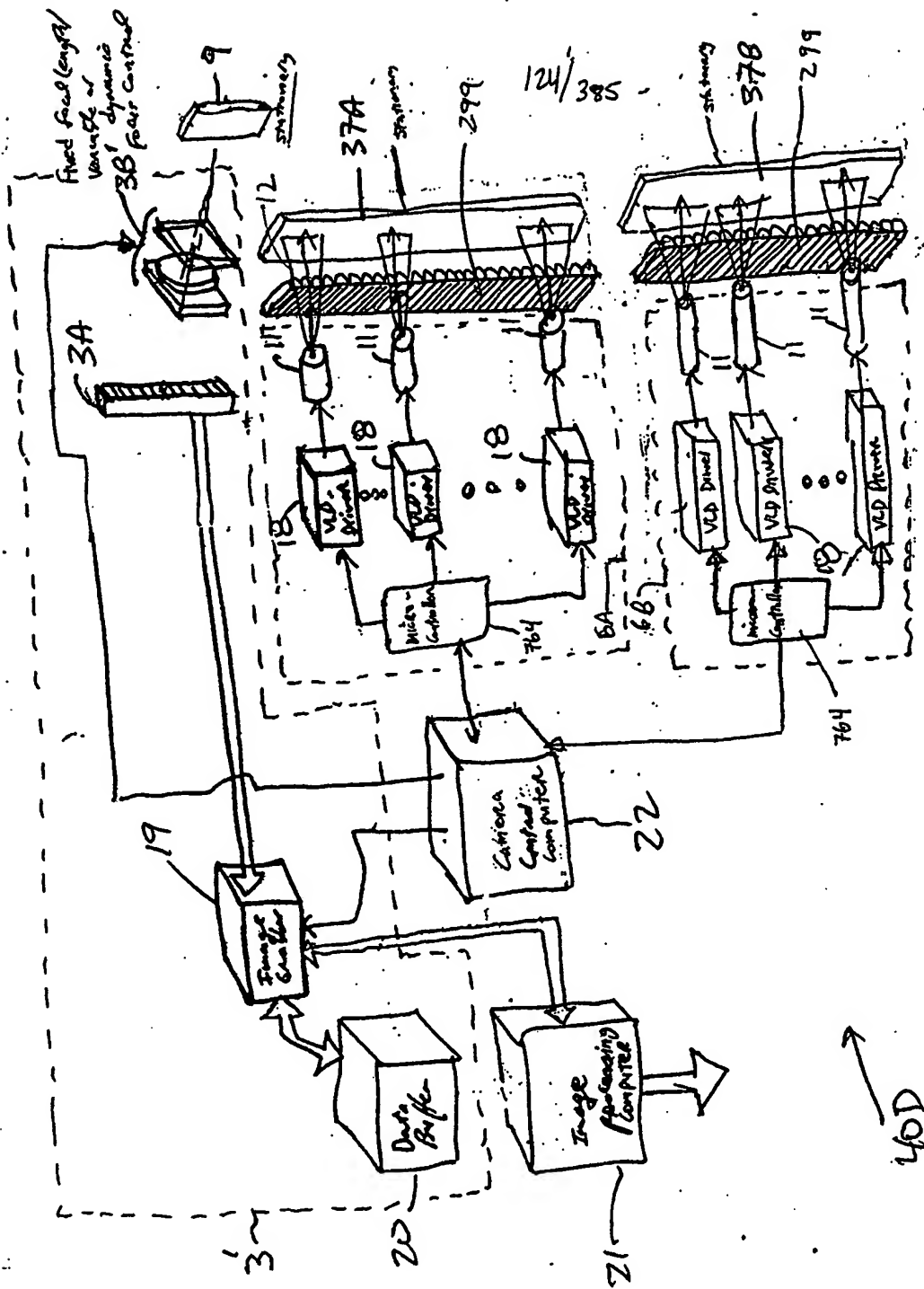


FIG 2F2

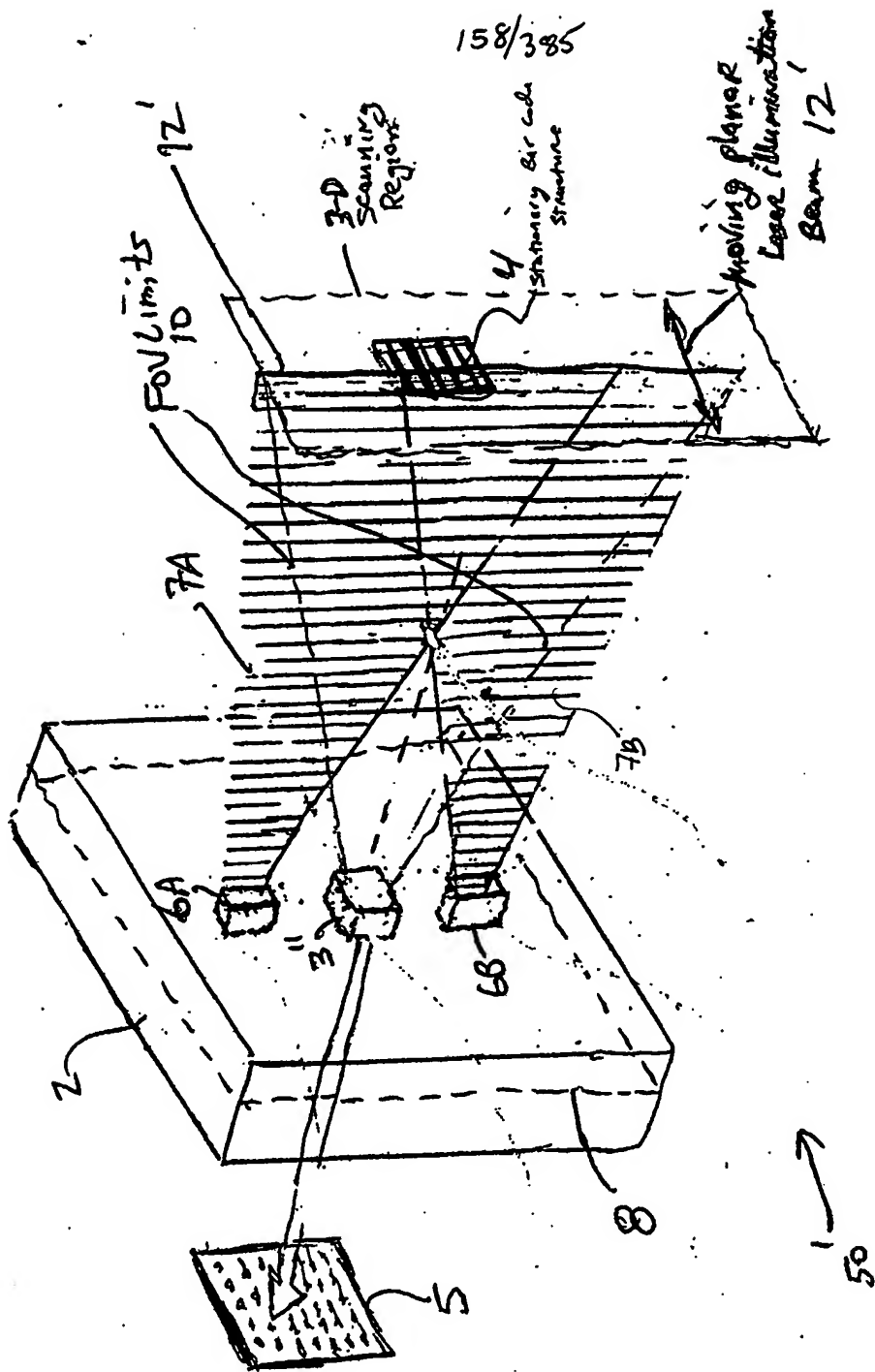


FIG. 3T1

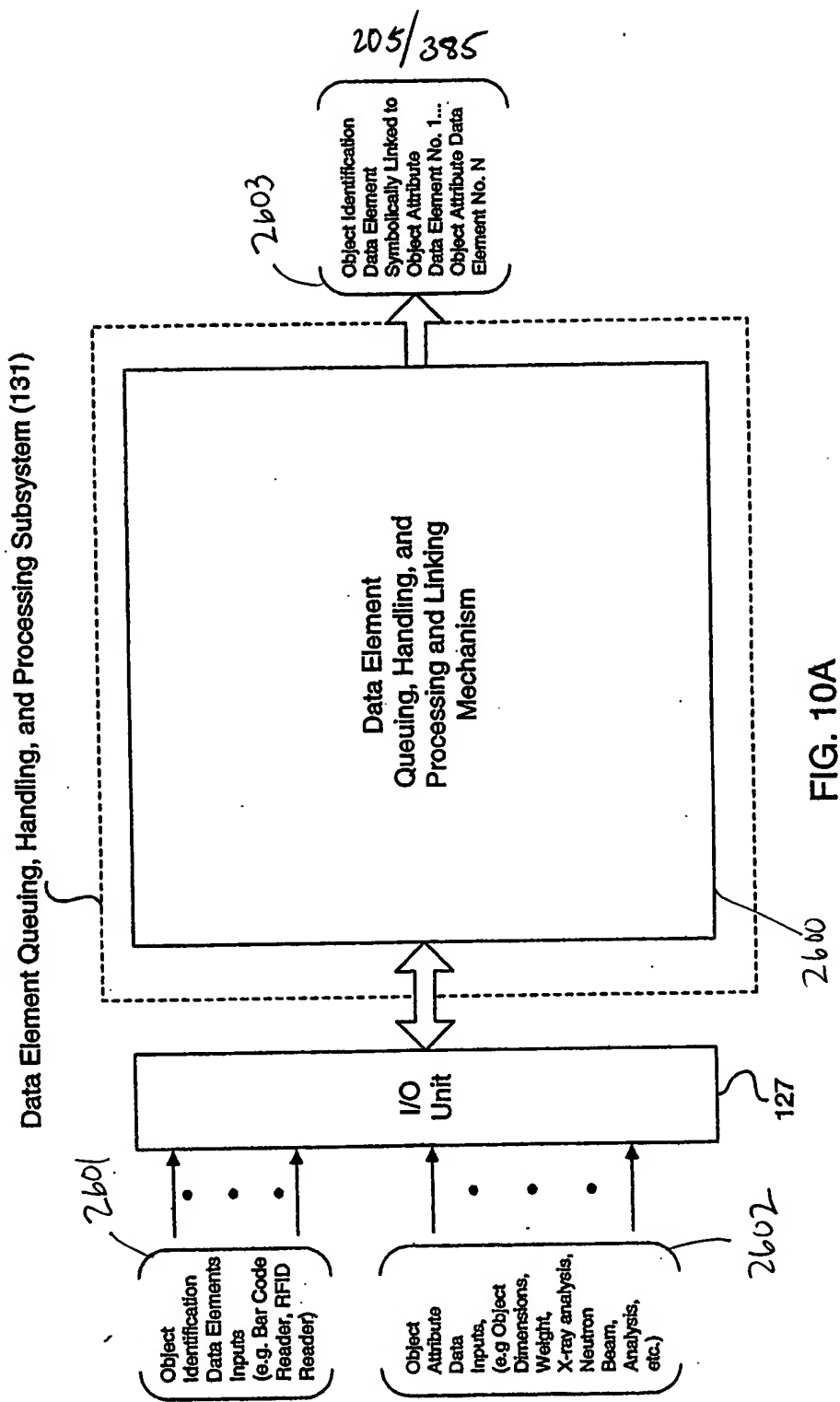
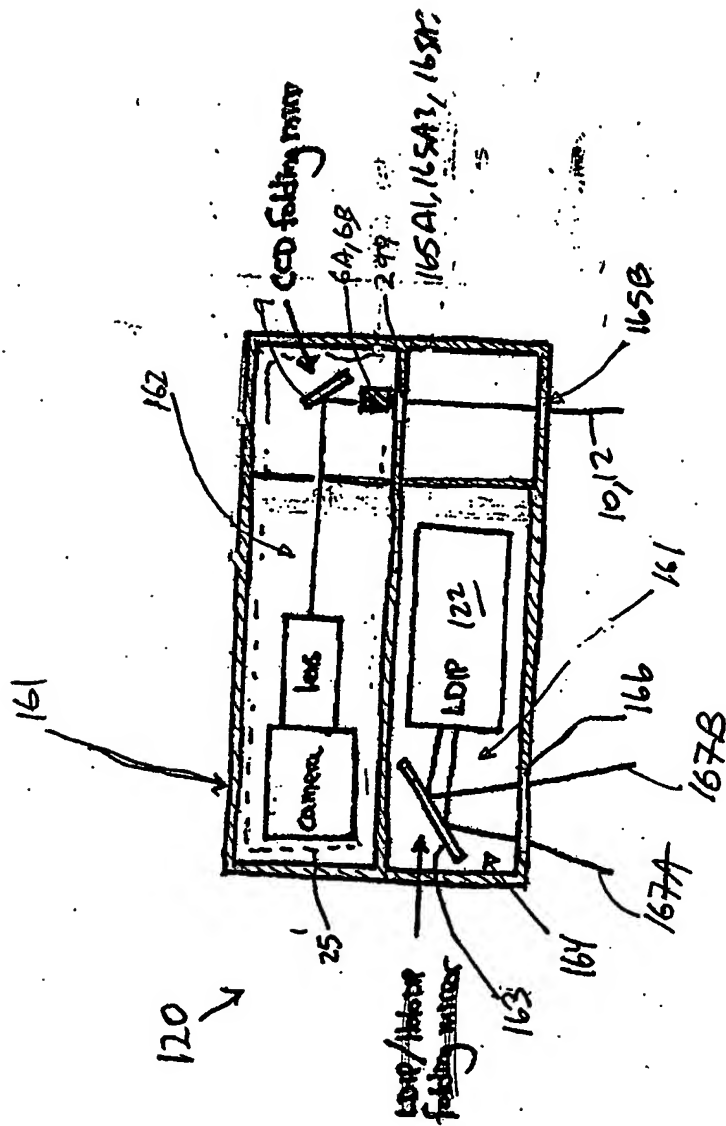
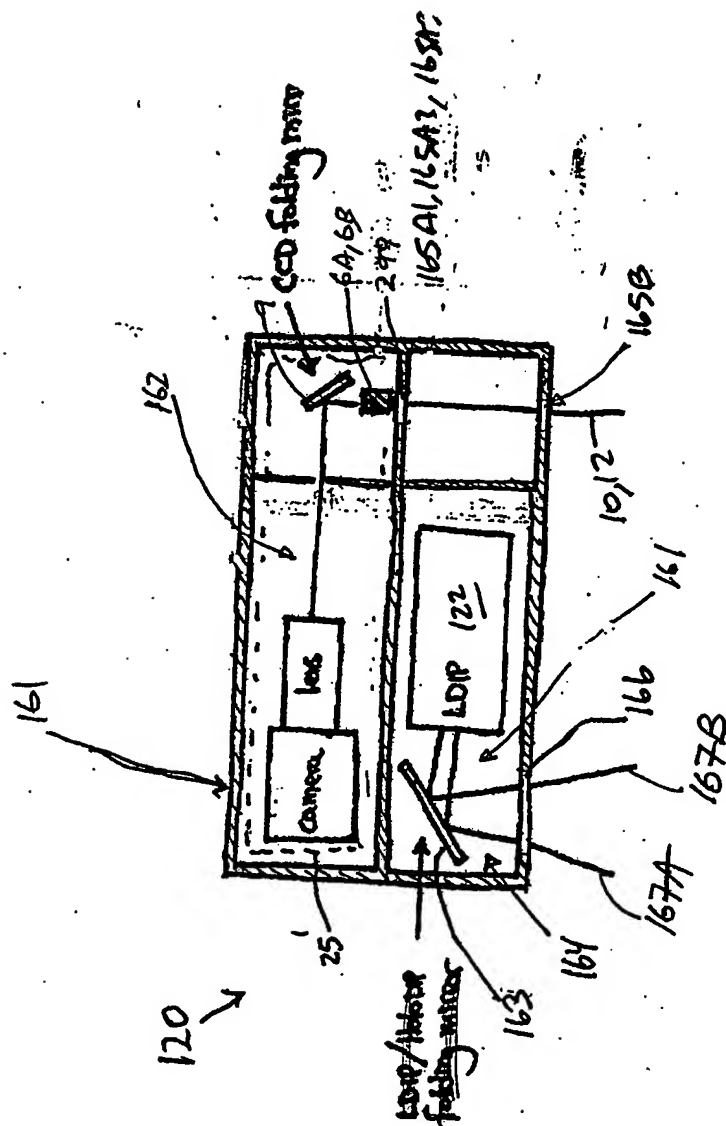


FIG. 10A

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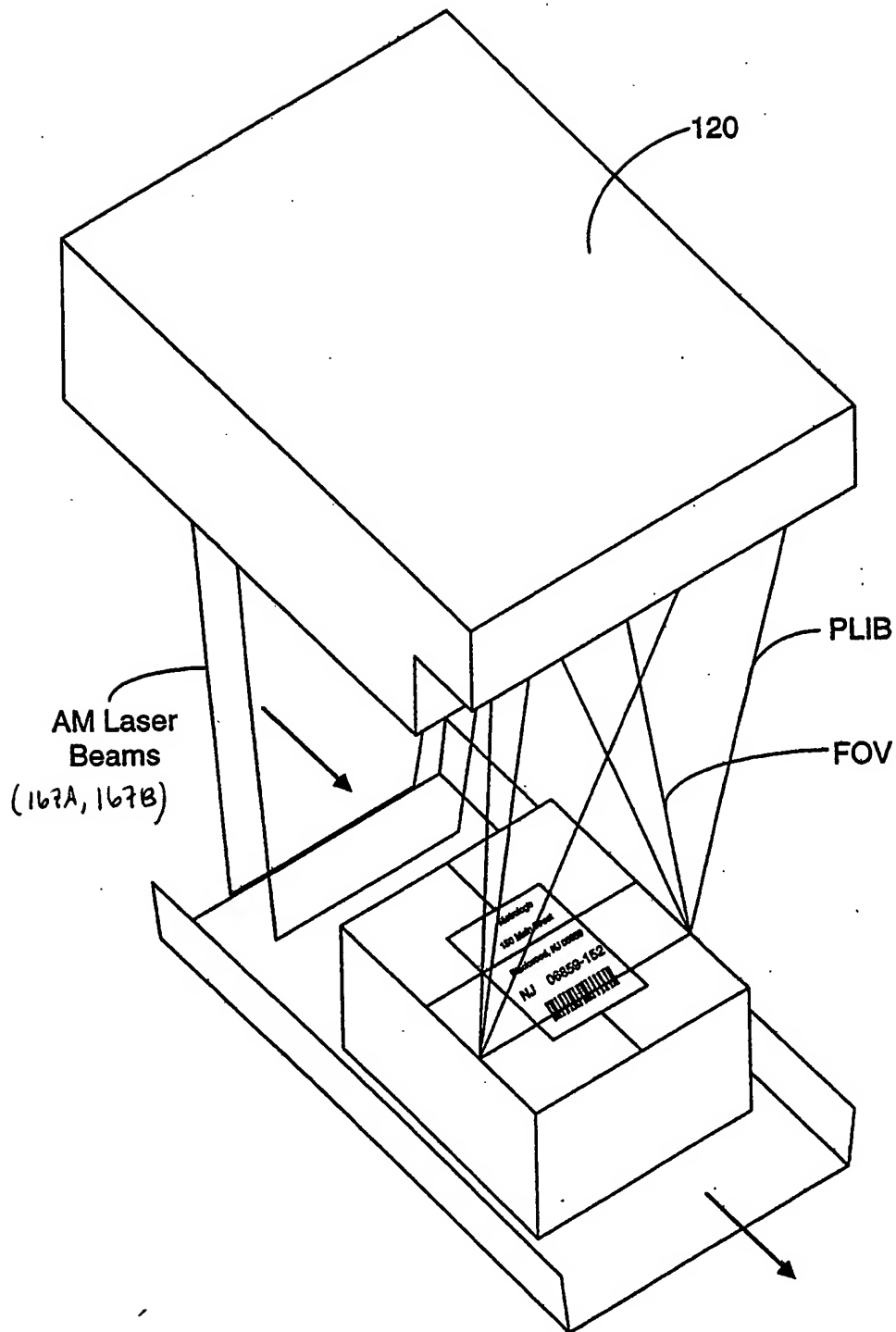


FIG. 13A

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LDIP Real Time Package Edge Detection

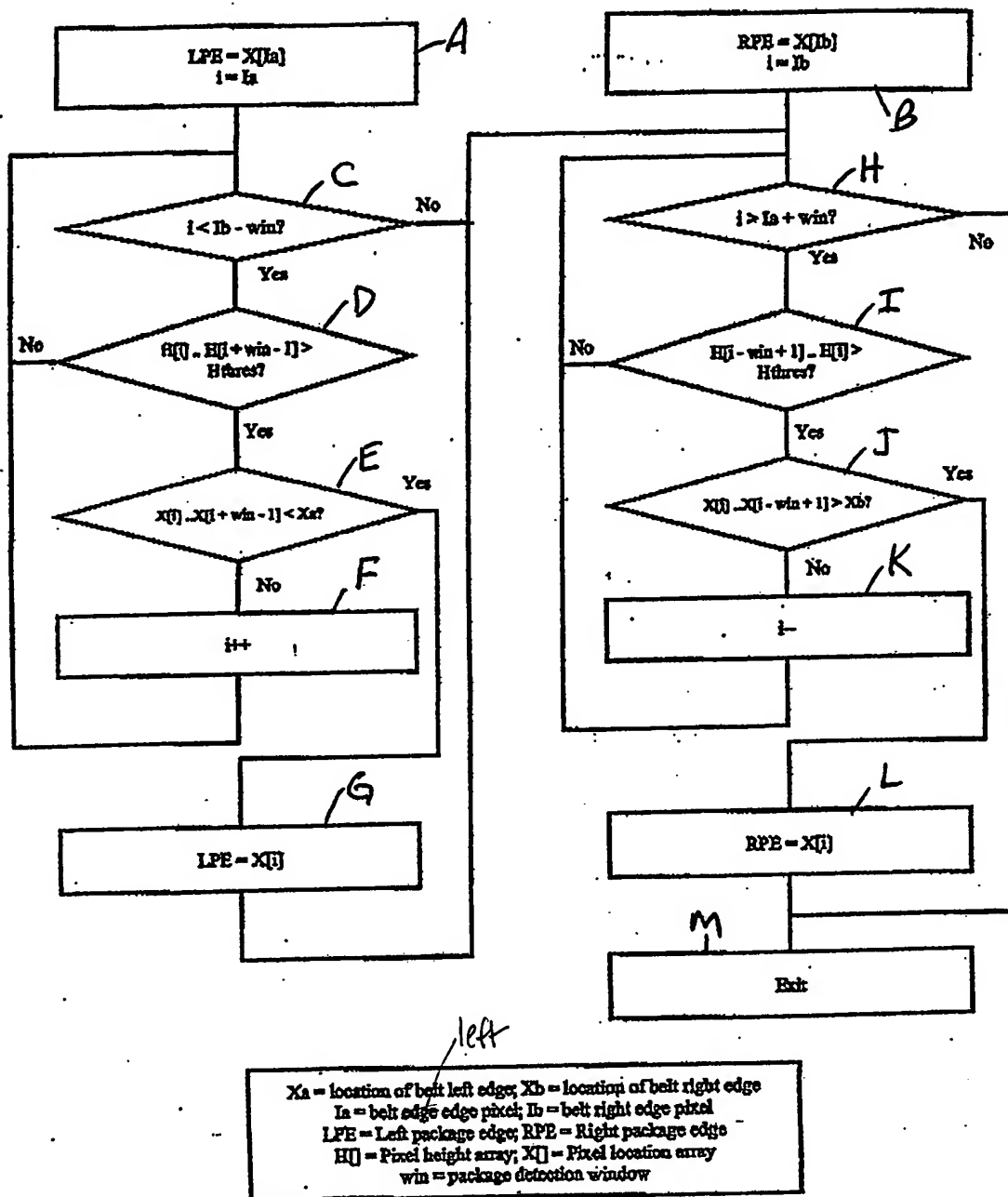


FIG. 16

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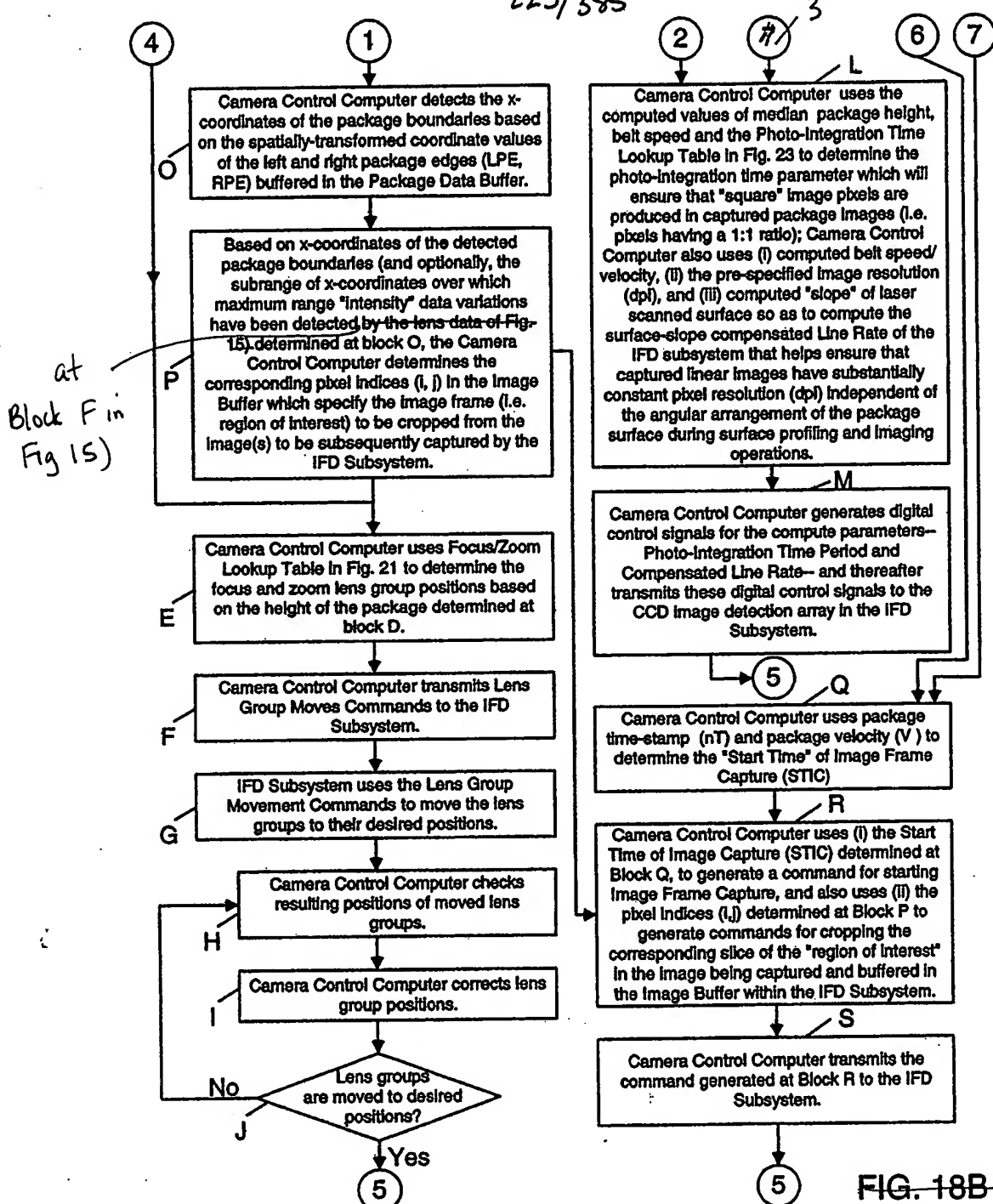


FIG. 18B

Figs. 18B-1
and 18B-2

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Laser

METHOD OF COMPUTING OPTICAL OUTPUT POWER FROM GASE
DIODES IN PLANAR LASER ILLUMINATION ARRAY (PLIA) FOR
CONTROLLING CONSTANT WHITE LEVEL IN IMAGE PIXELS CAPTURED
BY PLIIM-BASED LINEAR IMAGER

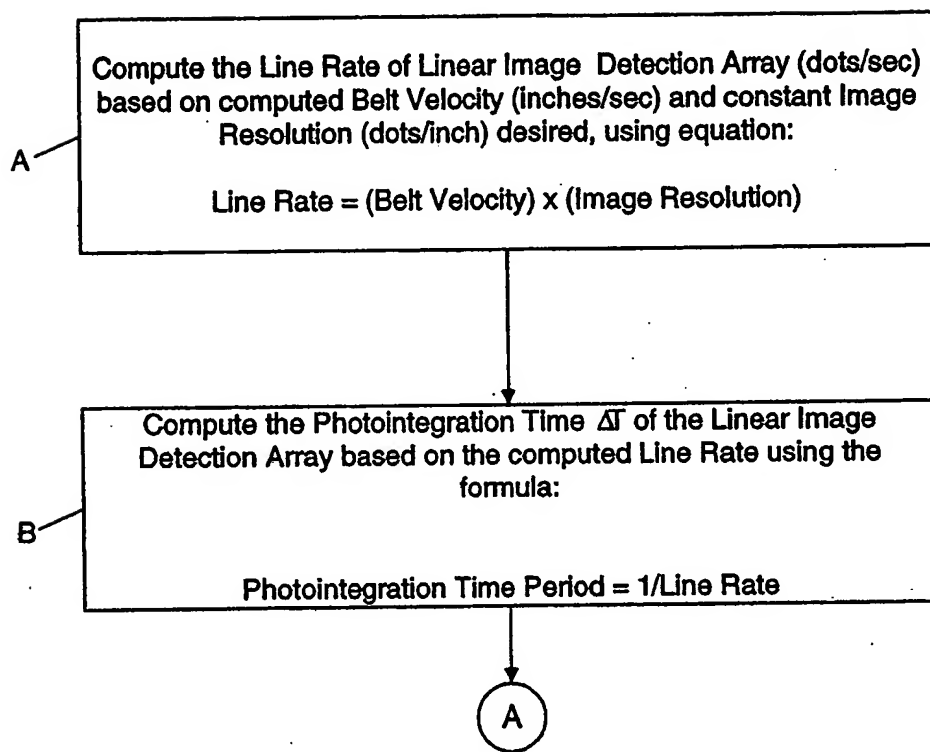


FIG. 18C1

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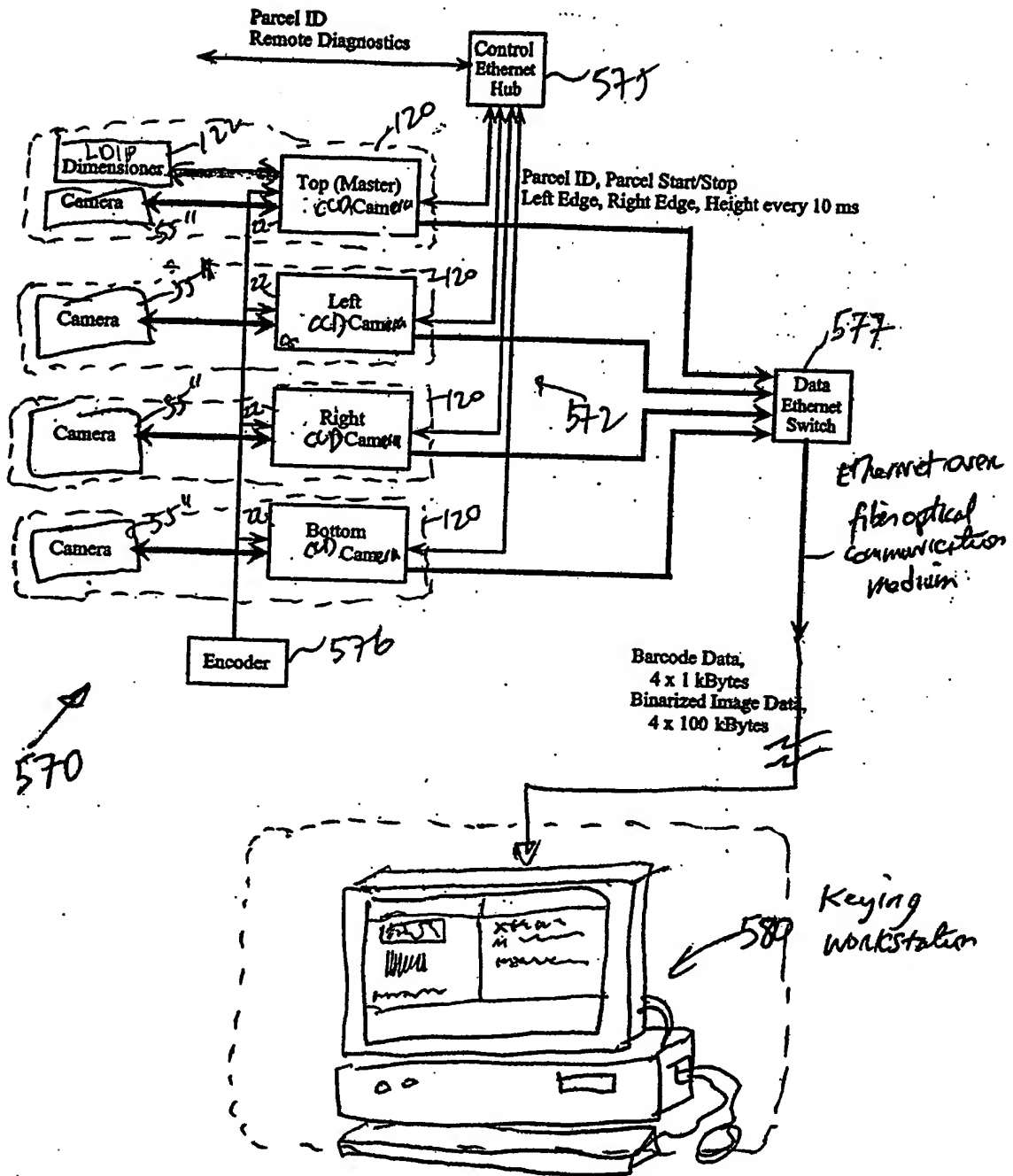
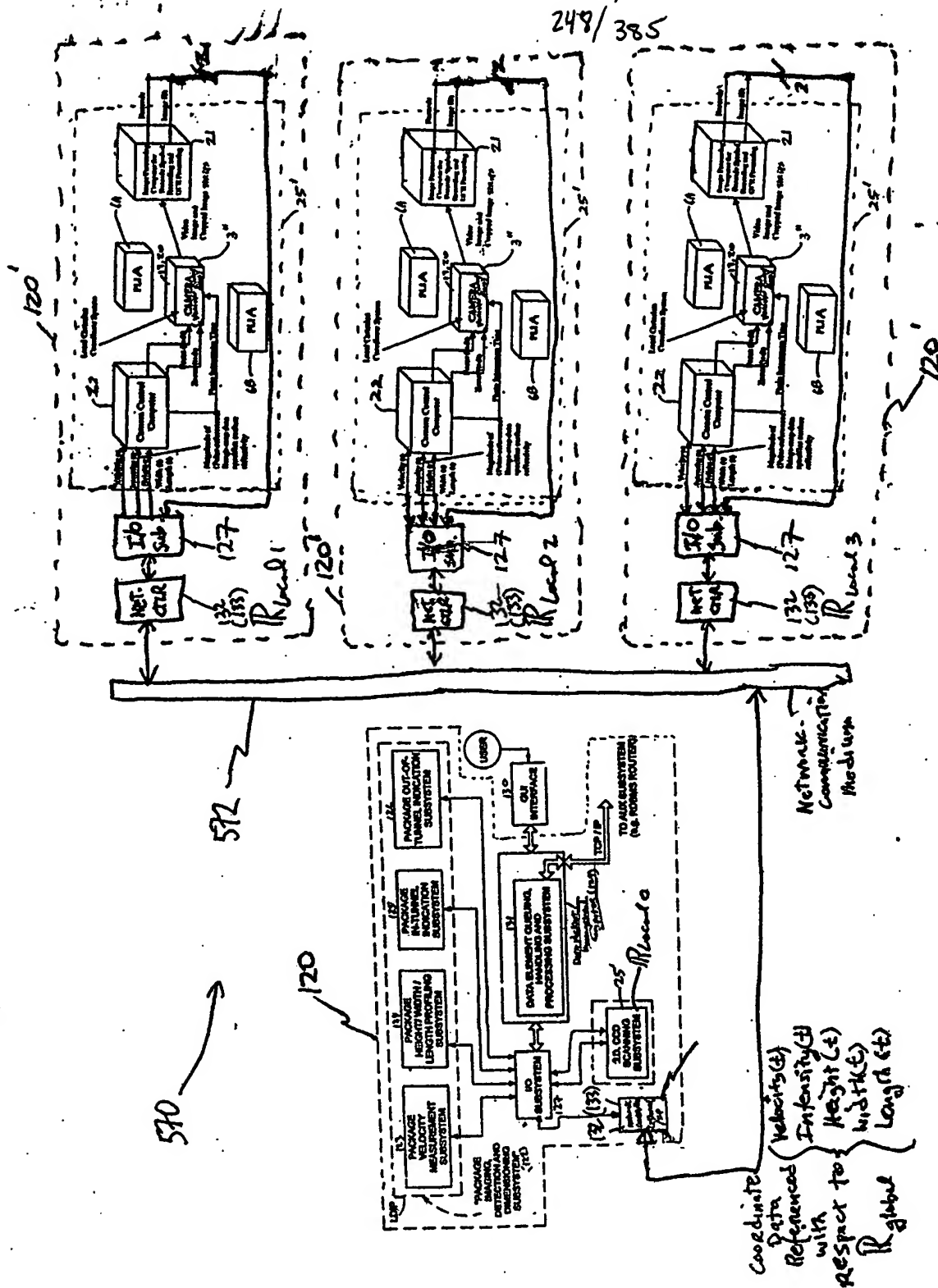


FIG. 29



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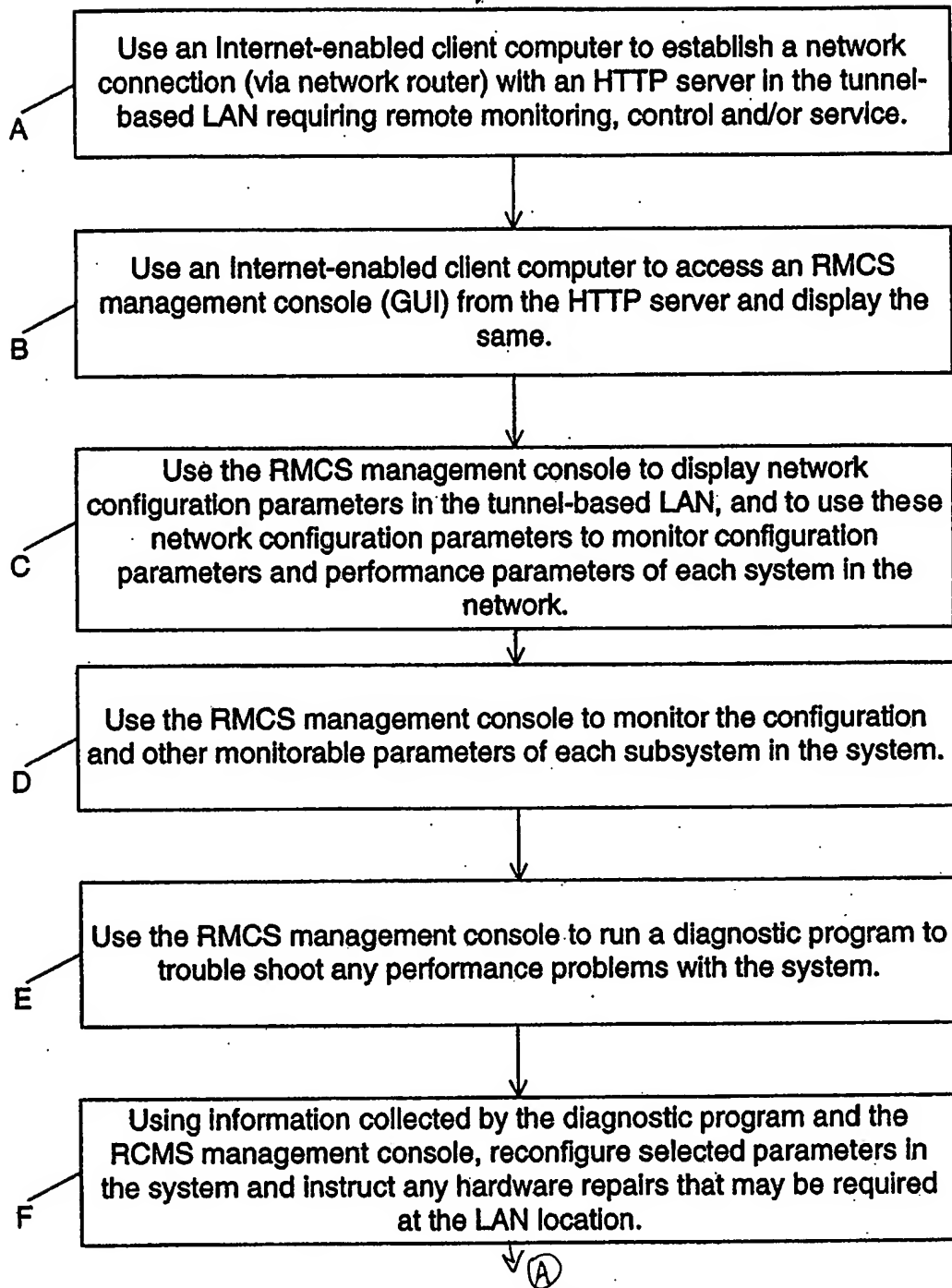


FIG. 30D1

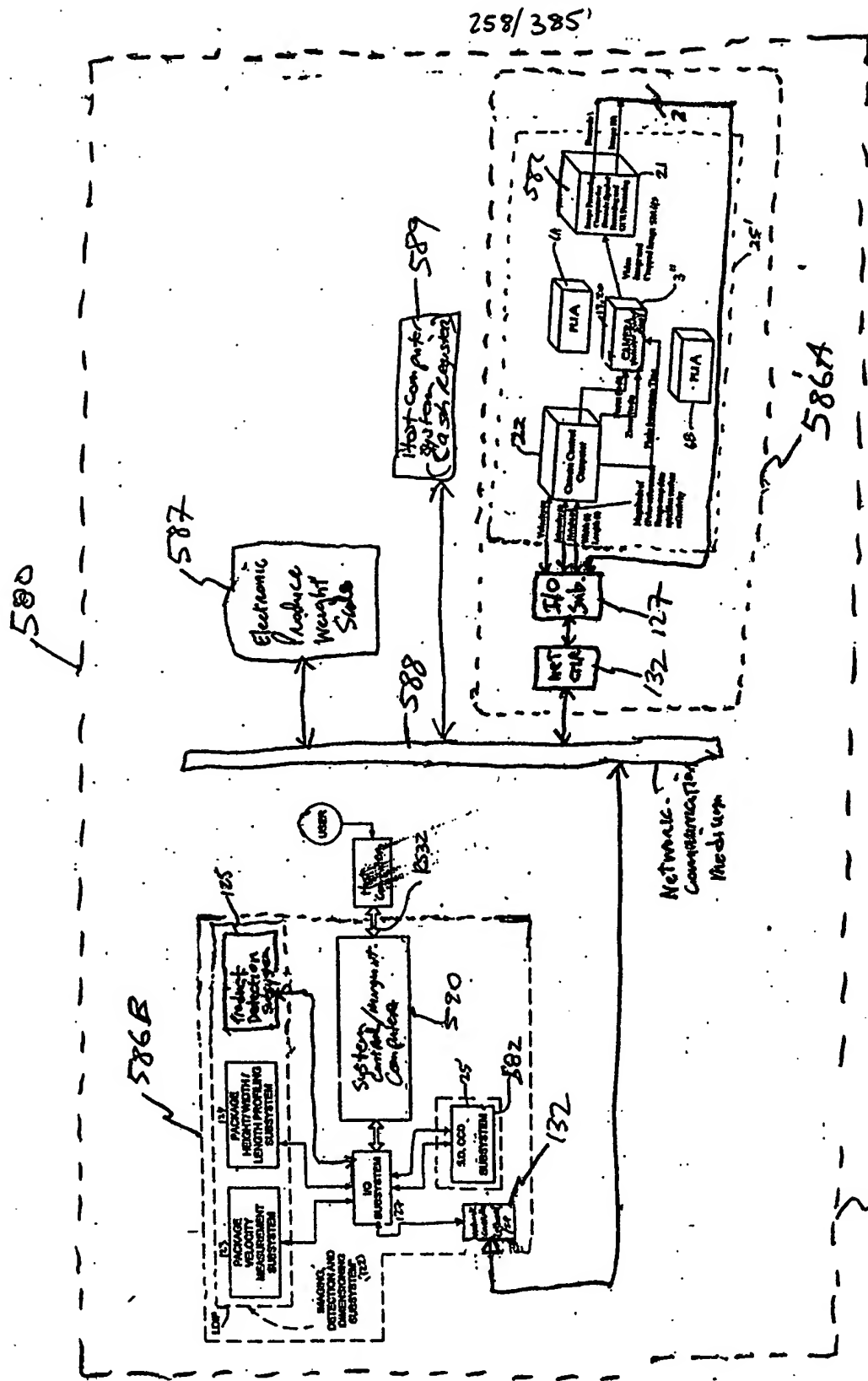


FIG. 33C
FIGS. 33C1 and 33C2

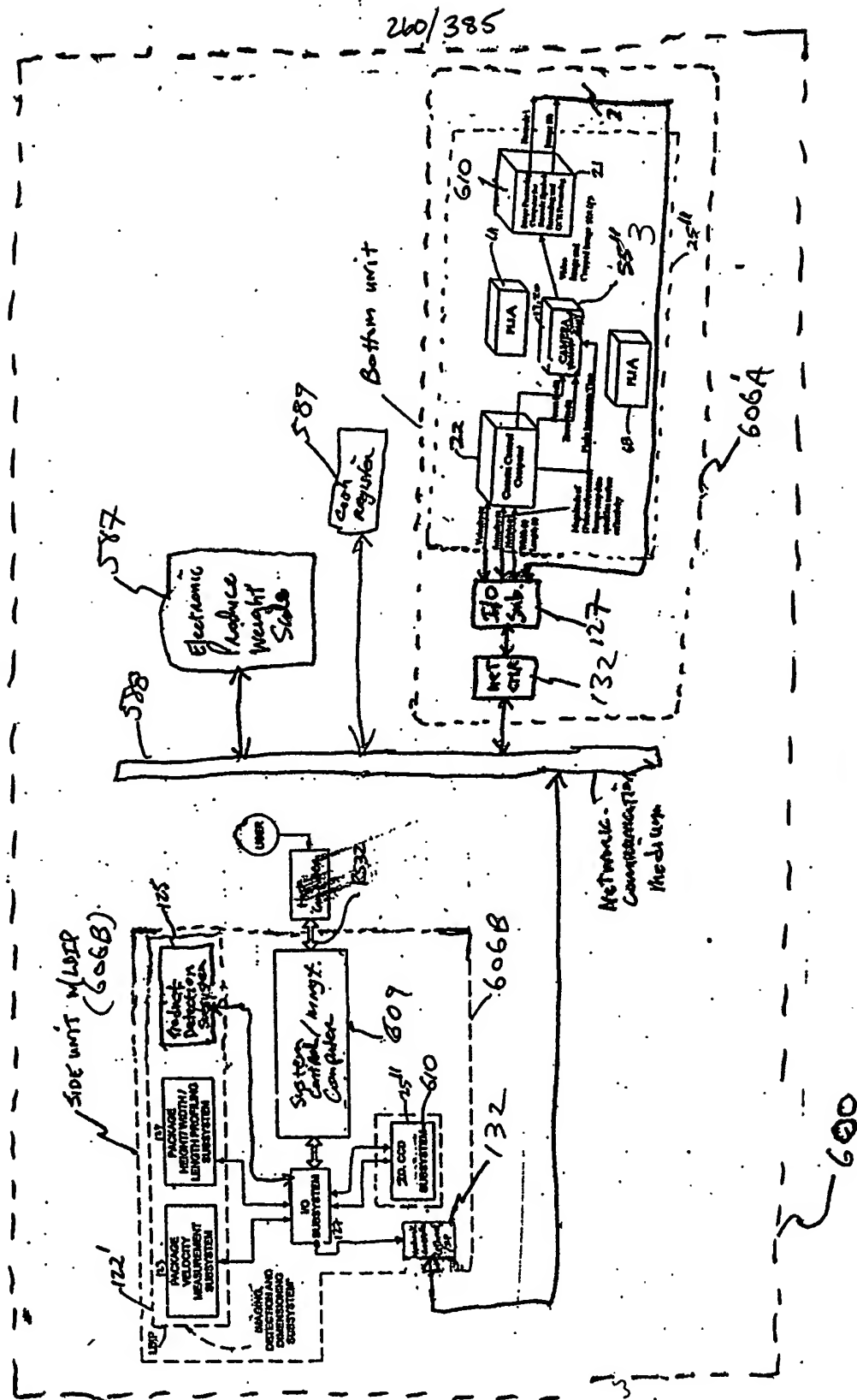
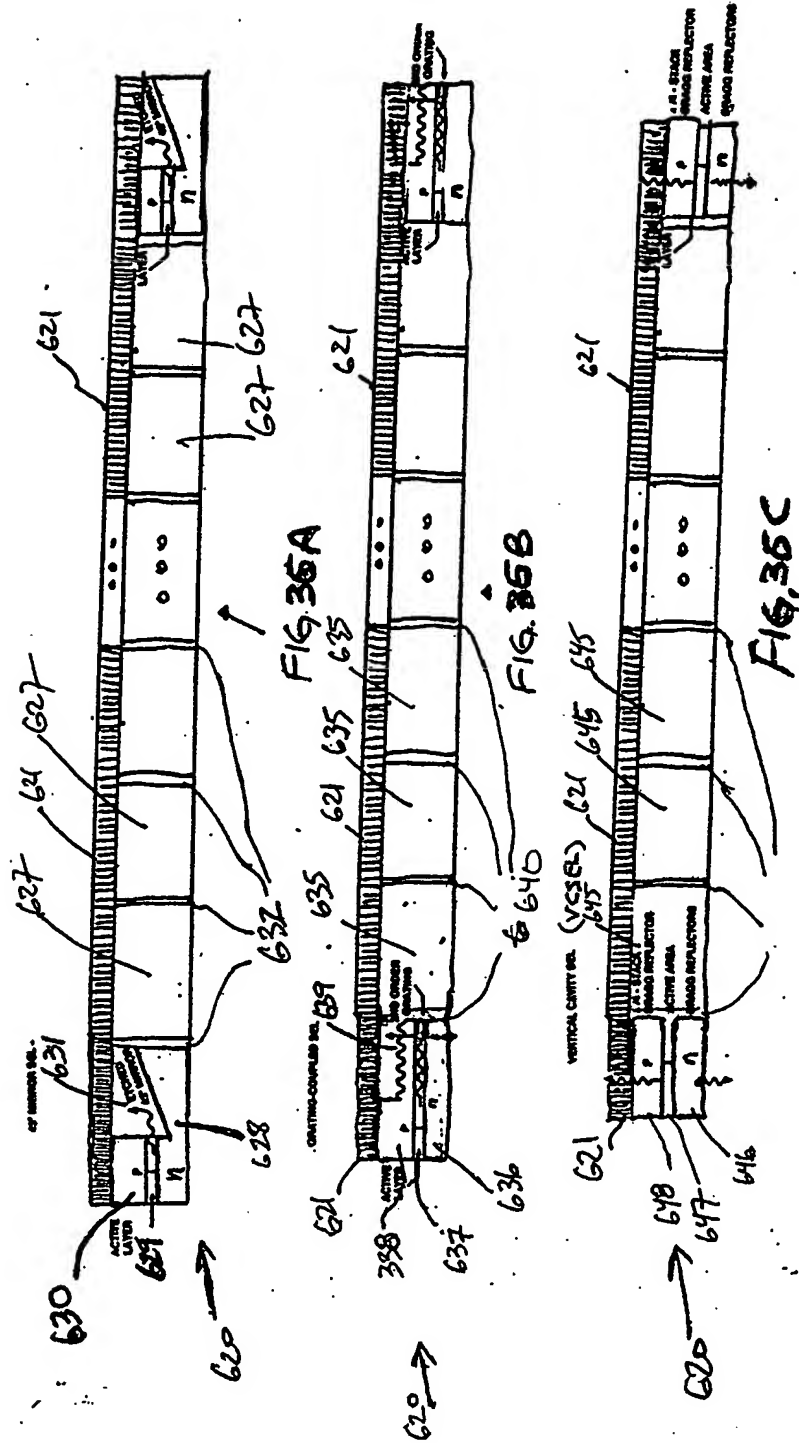


FIG. 34C
FIGS. 34C1 and 34C2

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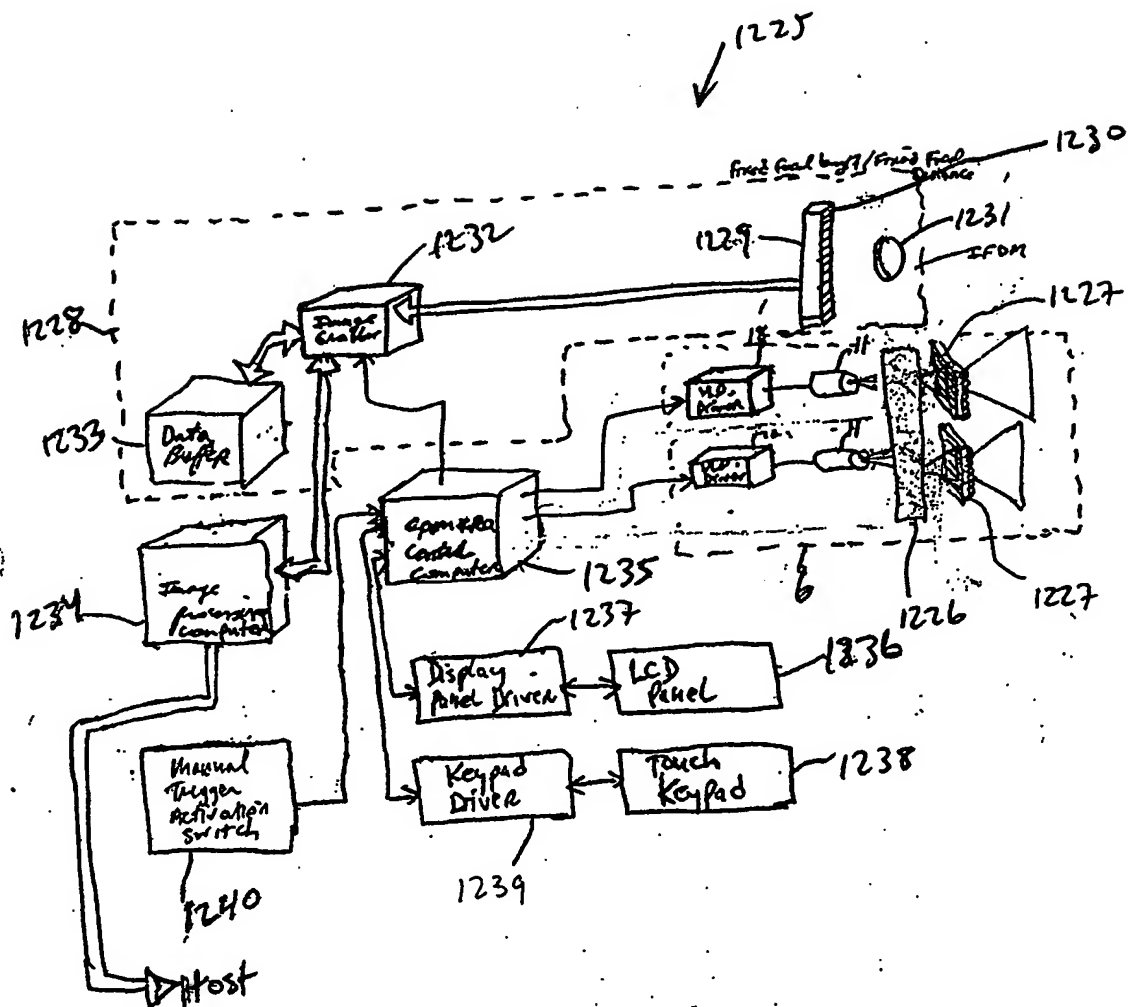
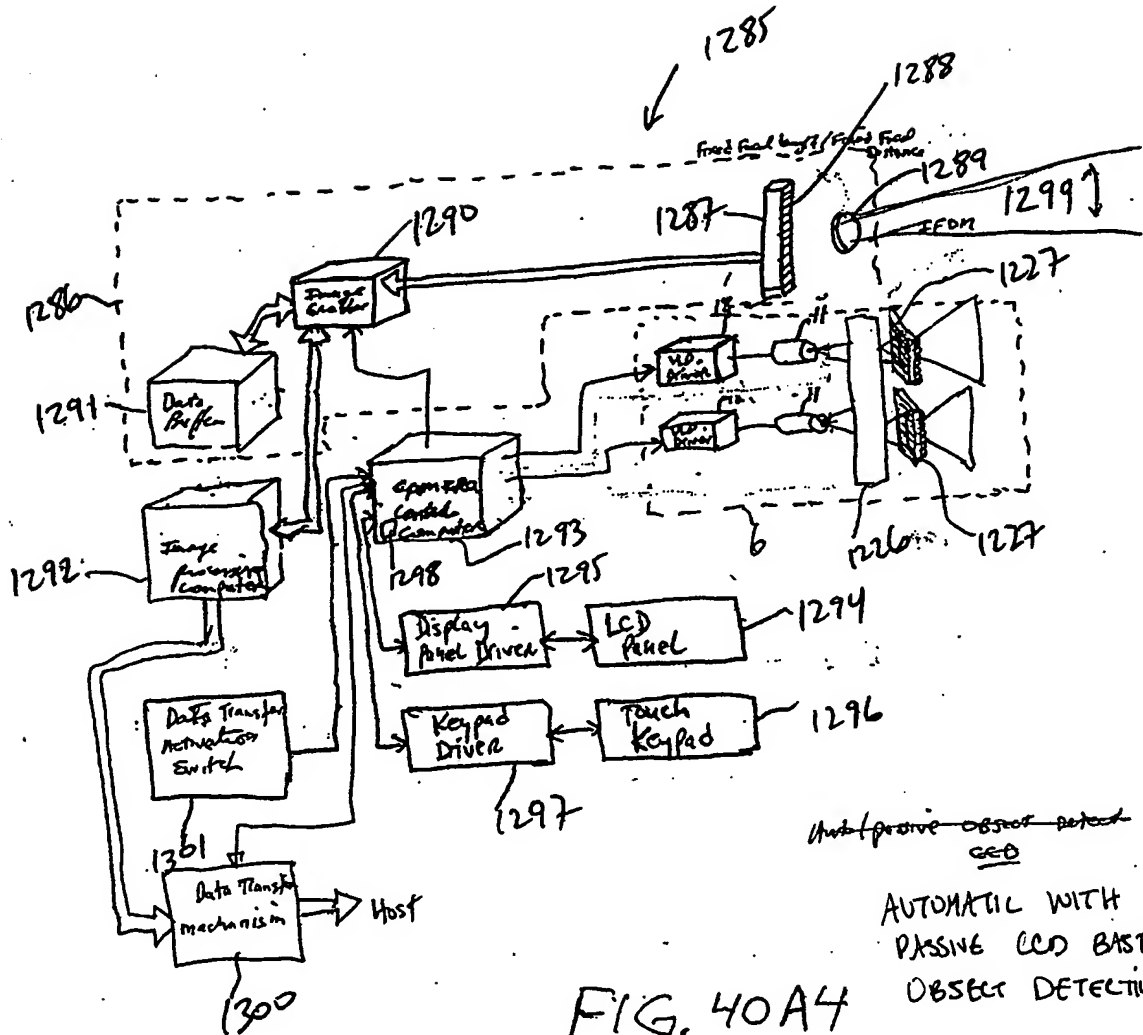
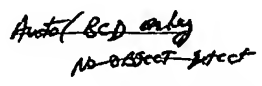


FIG. 40A1

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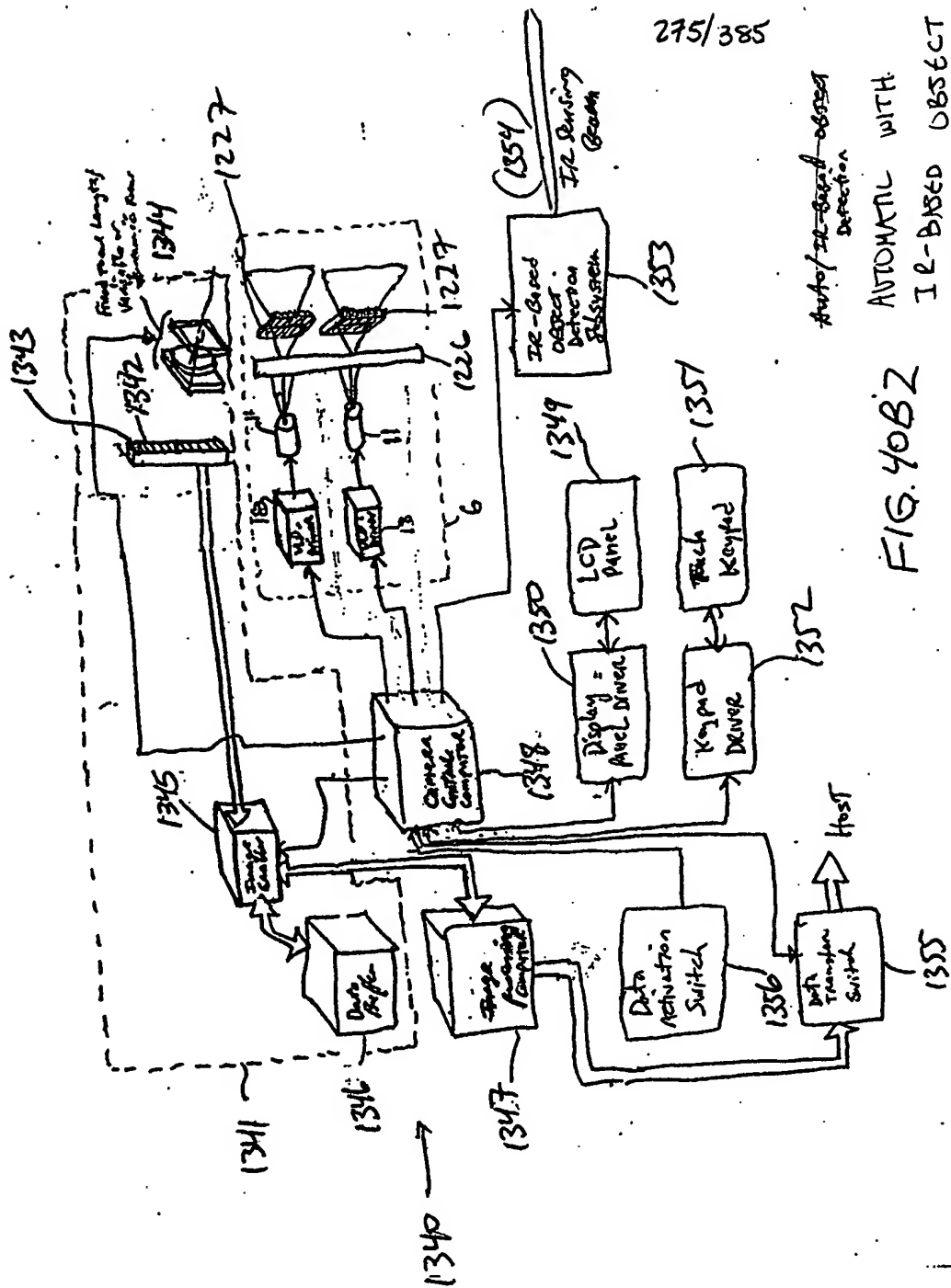


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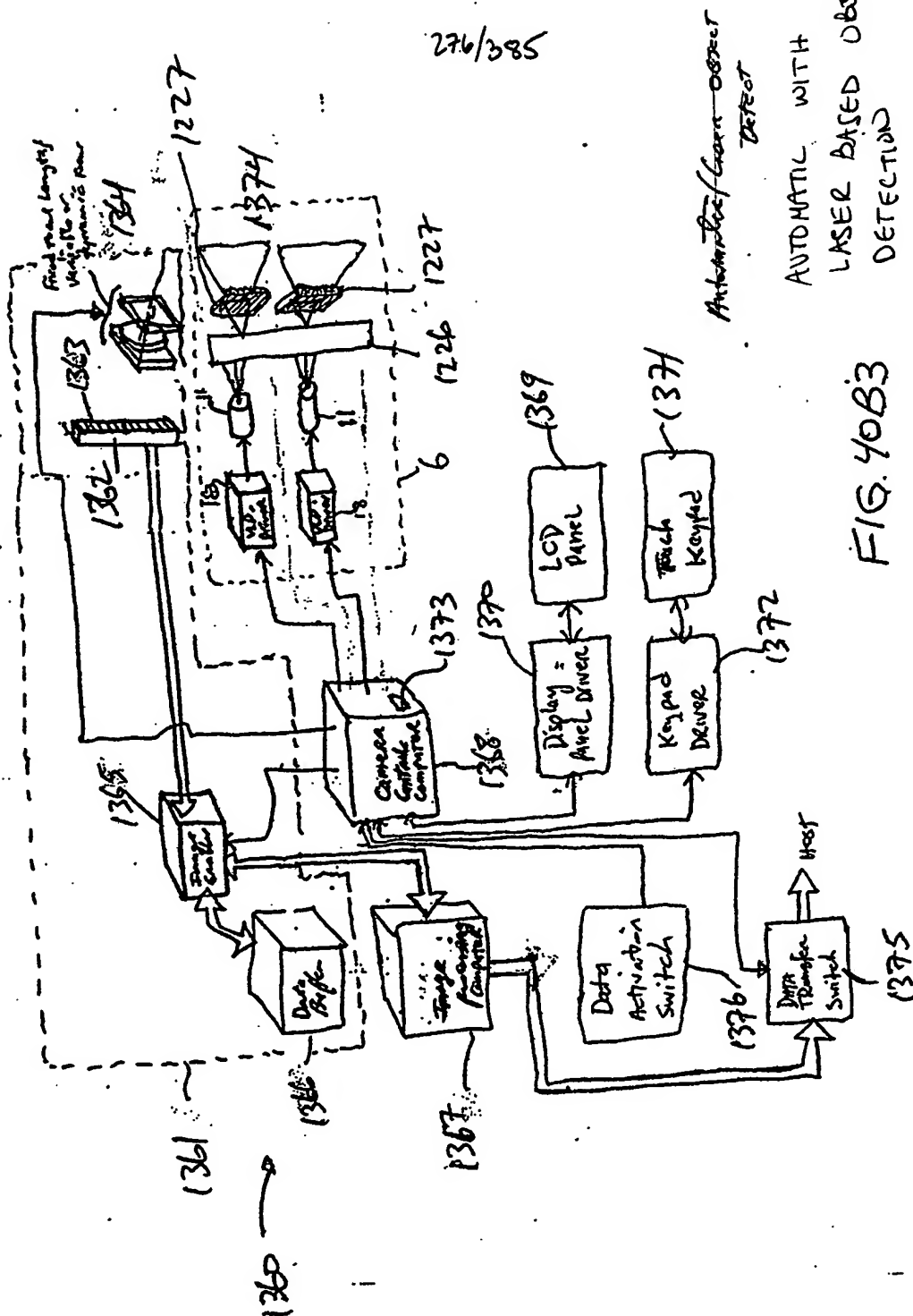


AUTOMATIC WITH
BUD ONLY AND
NO OBJECT
DETECTION

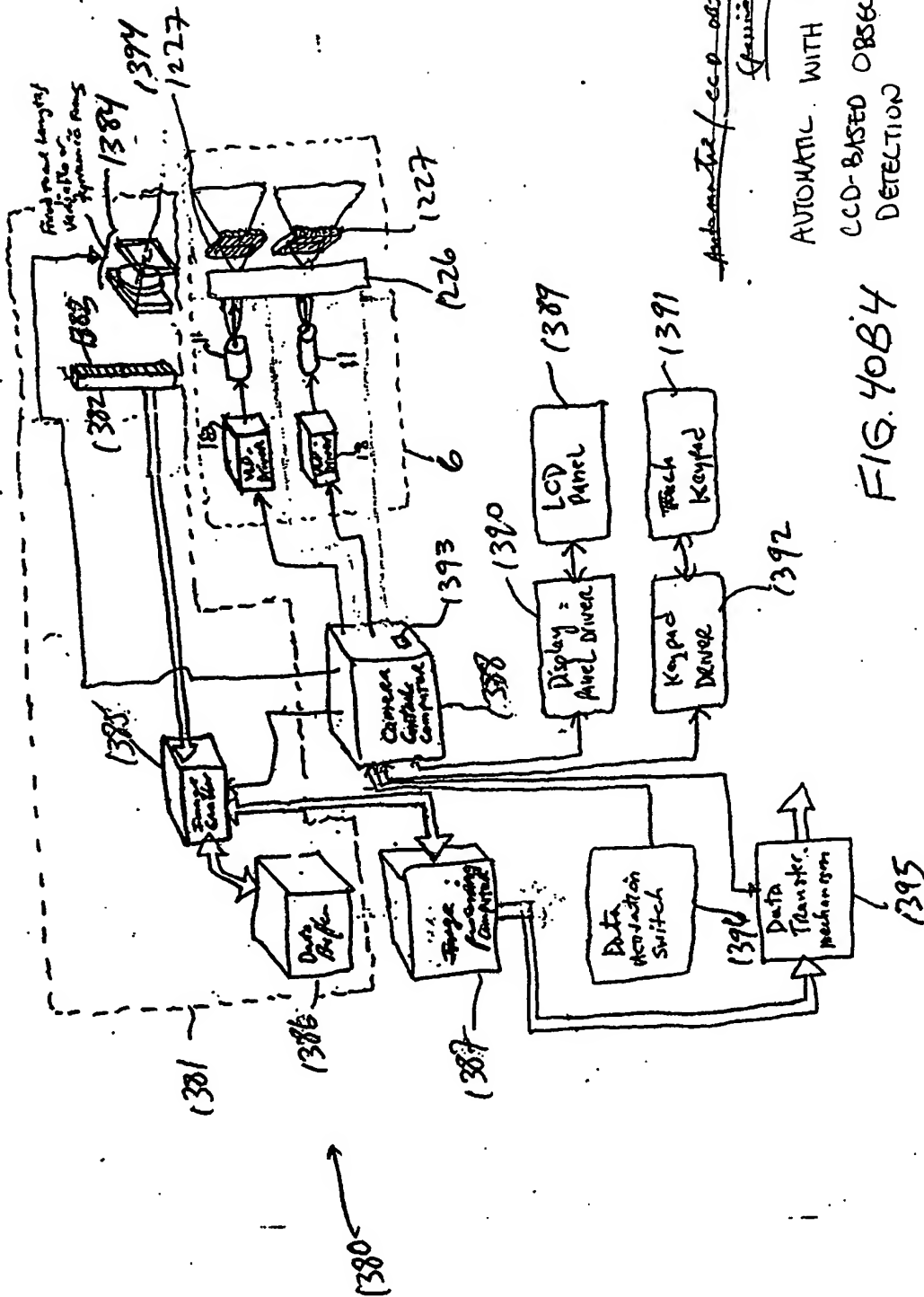
FIG. 40A5



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Automatic / CCD object detector.
(passive)

AUTOMATIC WITH PASSIVE
CCD-BASED OBJECT
DETECTION

FIG. 40B4

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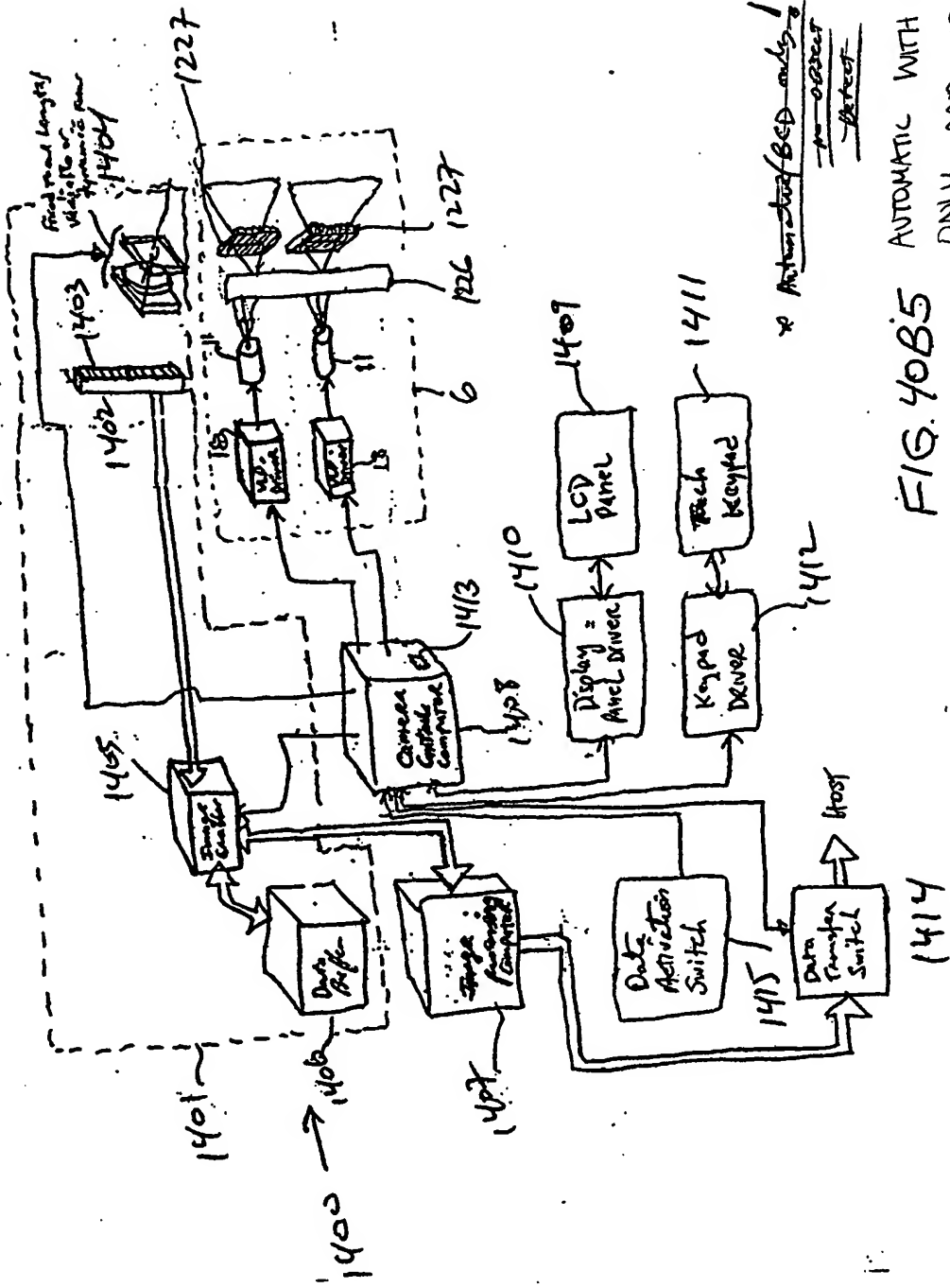


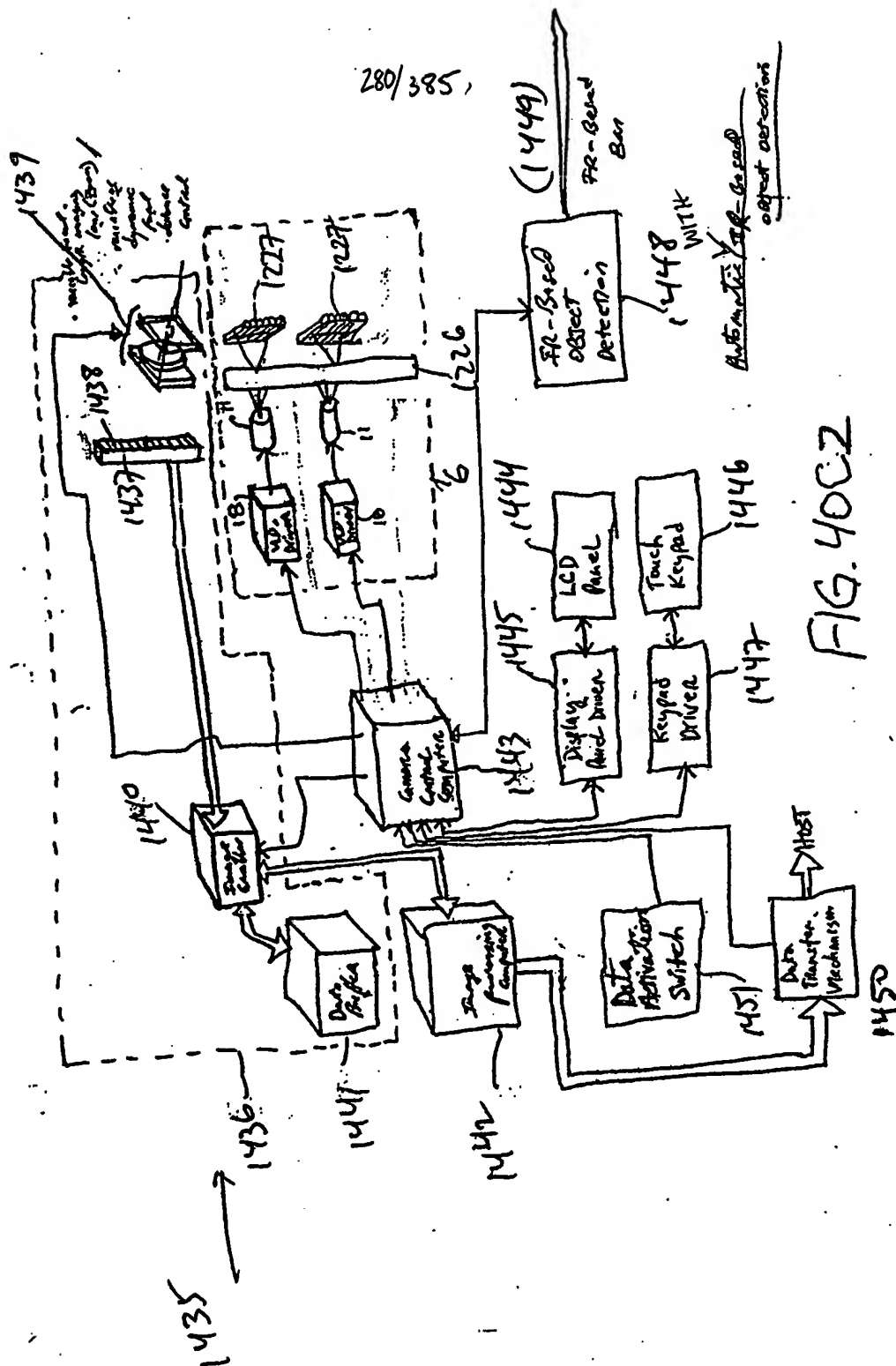
FIG. 40B5

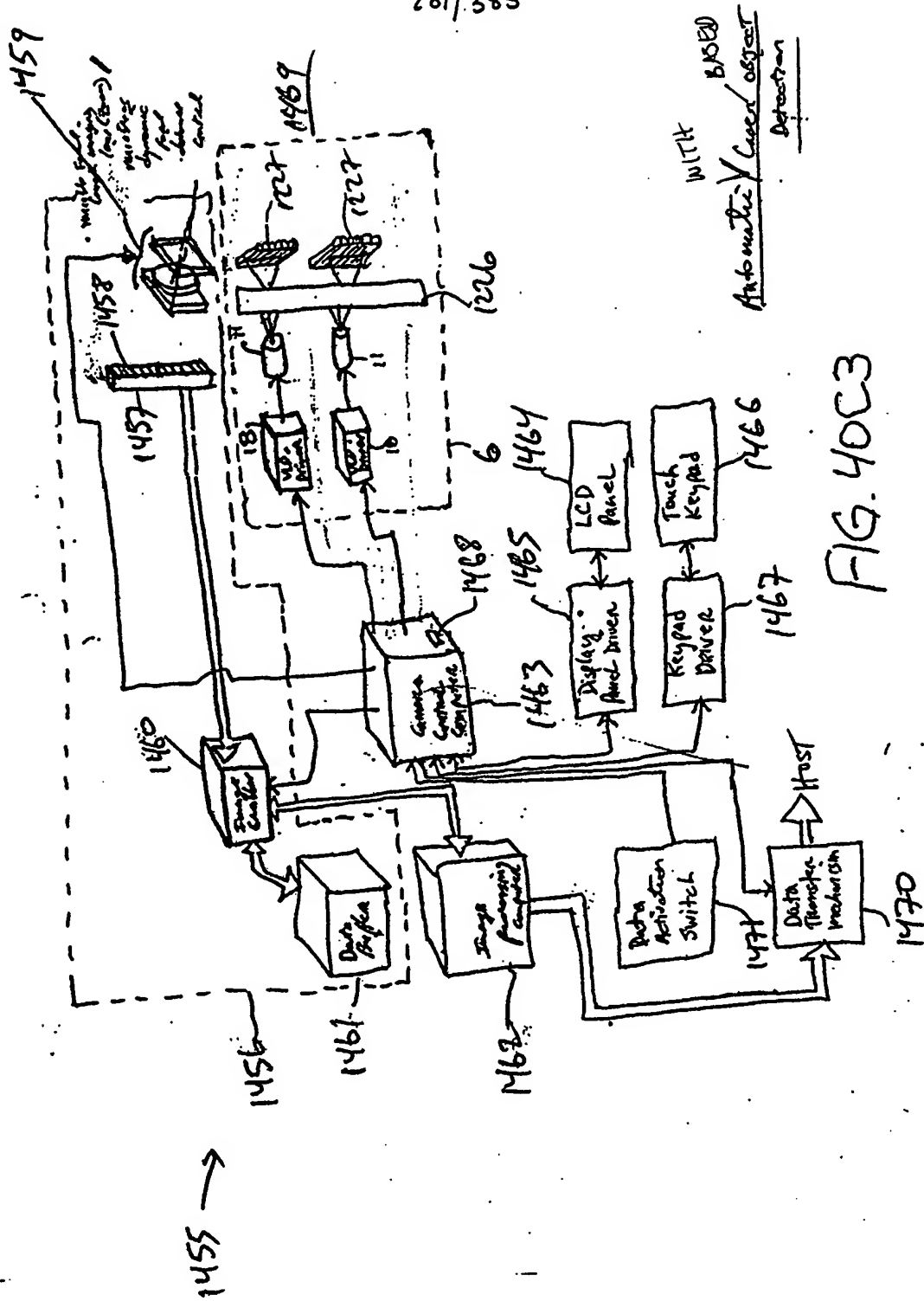
1414

Automatic BCD only
no object
Detect

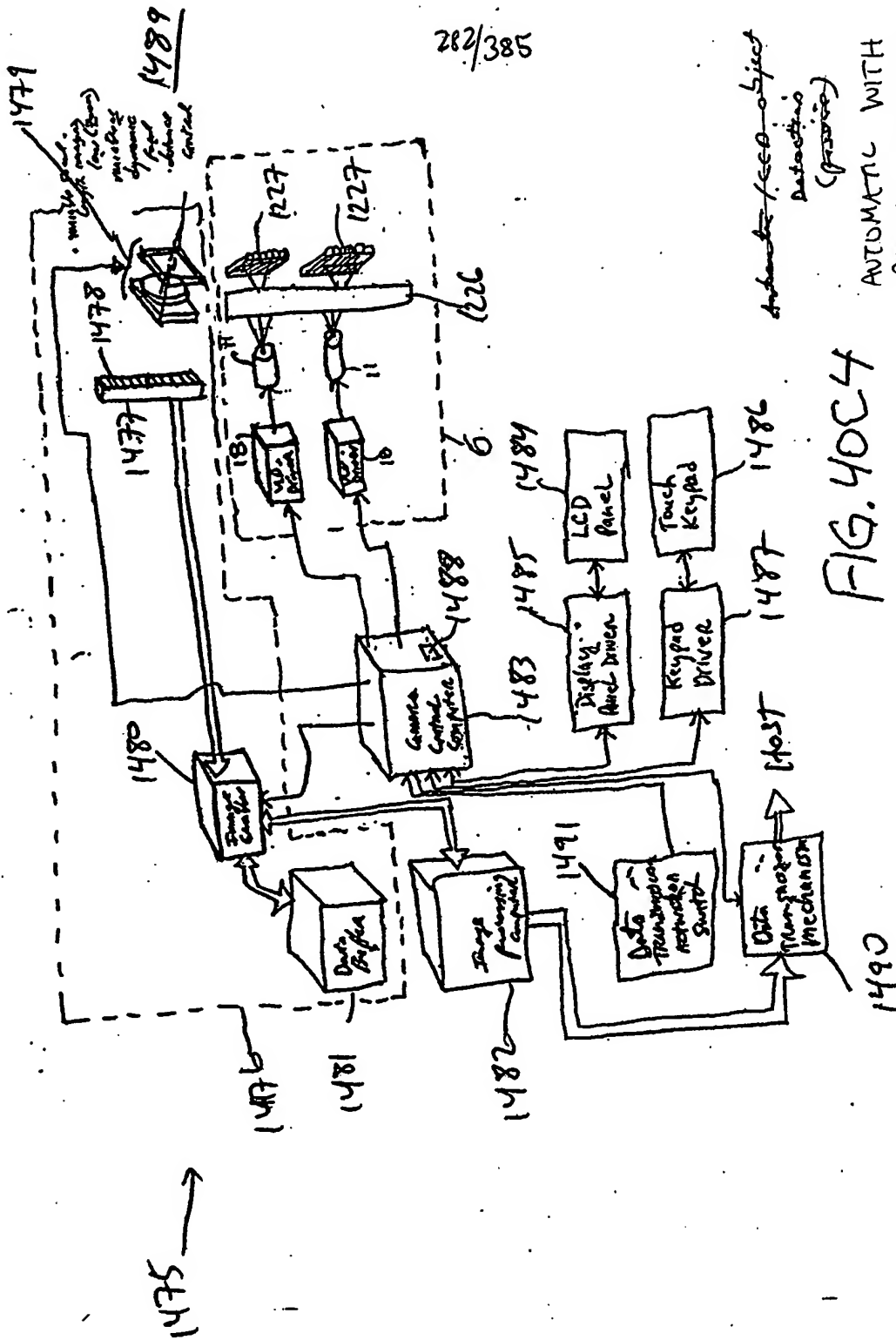
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280/385,





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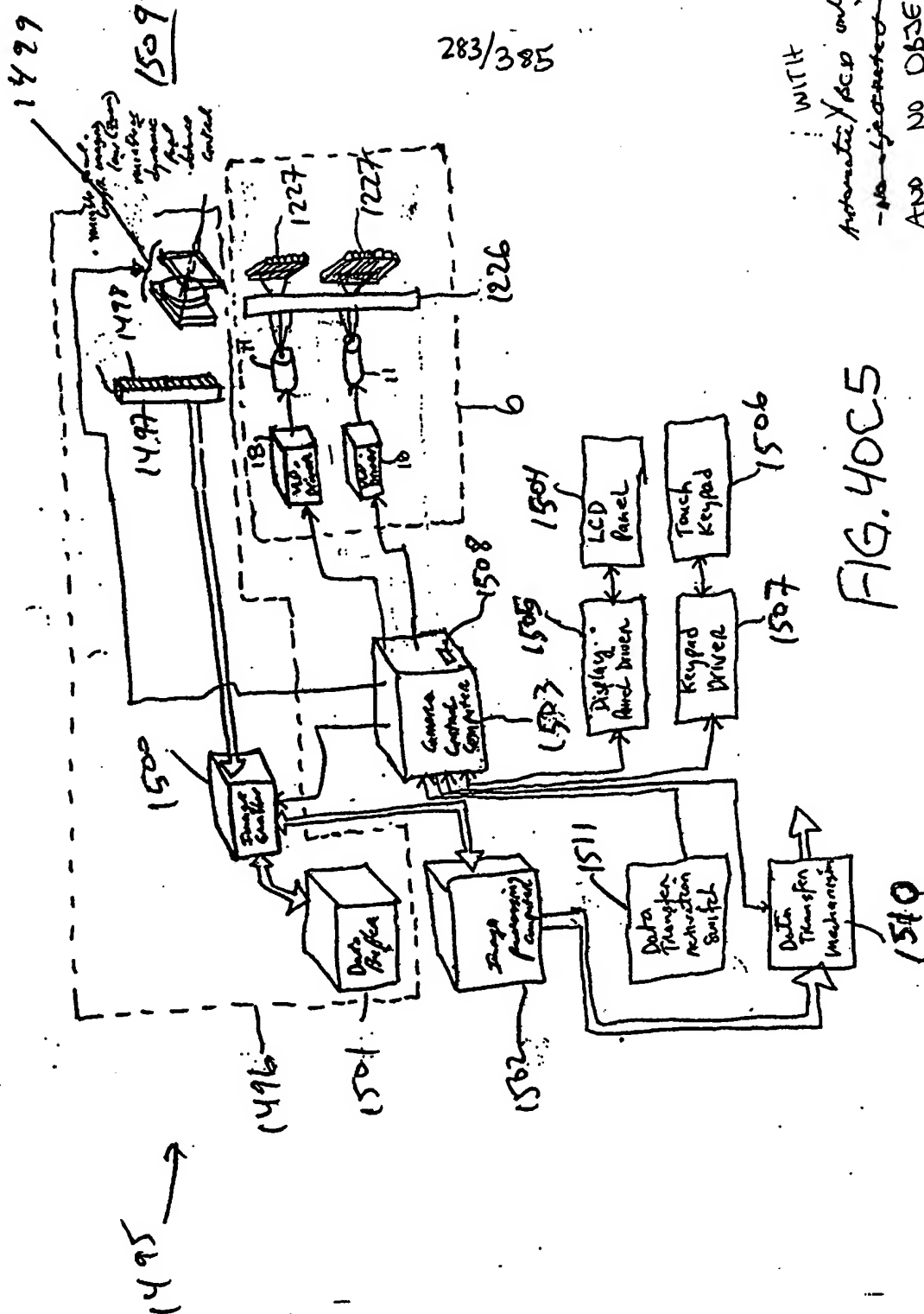
Automatic / CCD-object
Detection
(Passive)

AUTOMATIC WITH
PASSIVE CCD-BASED
OBJECT DETECTION

FIG. 40C4

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! WITIT
Asymmetric / dep only
~~- no object~~
AND NO OBJECT
DETECTION



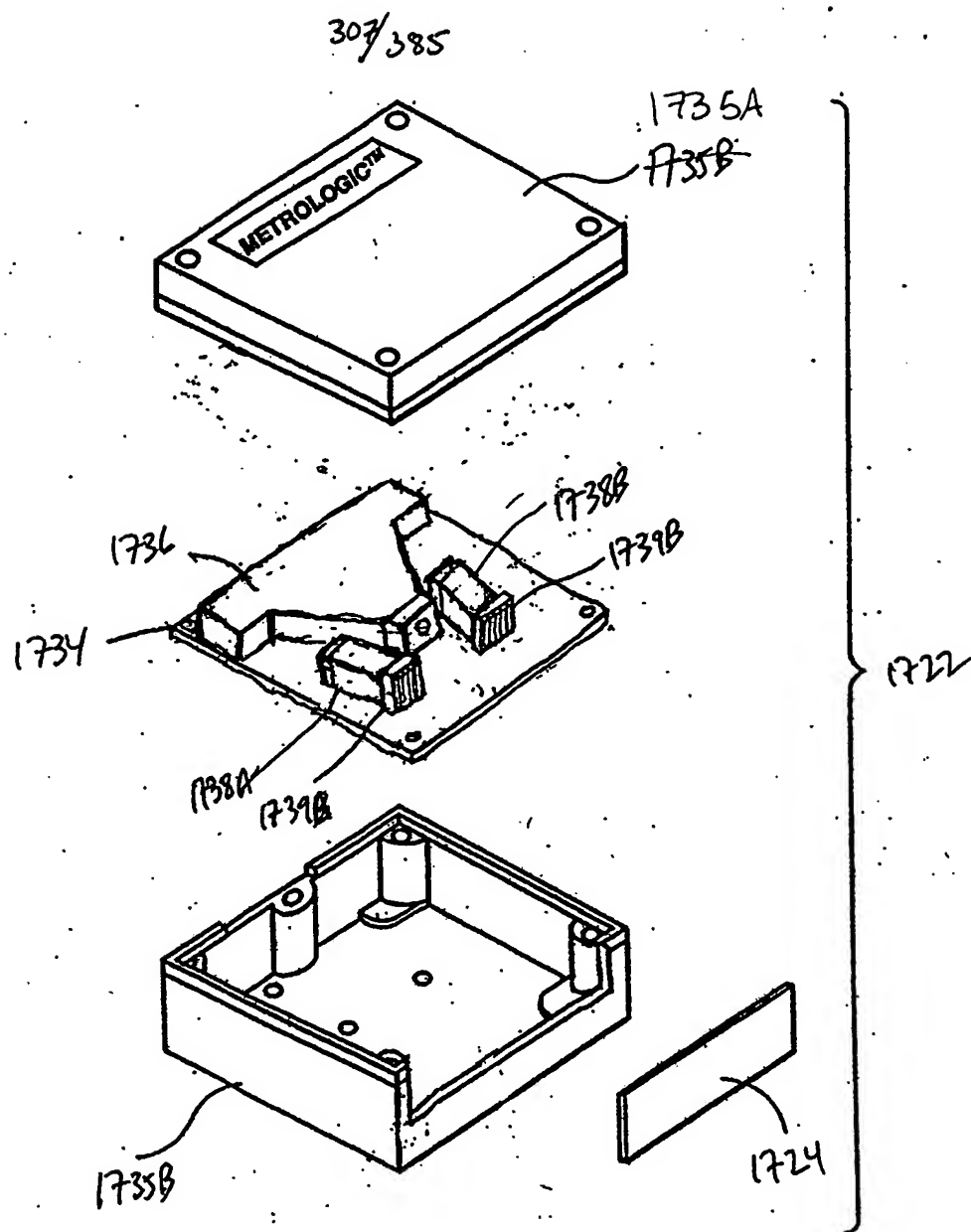


FIG. 48B

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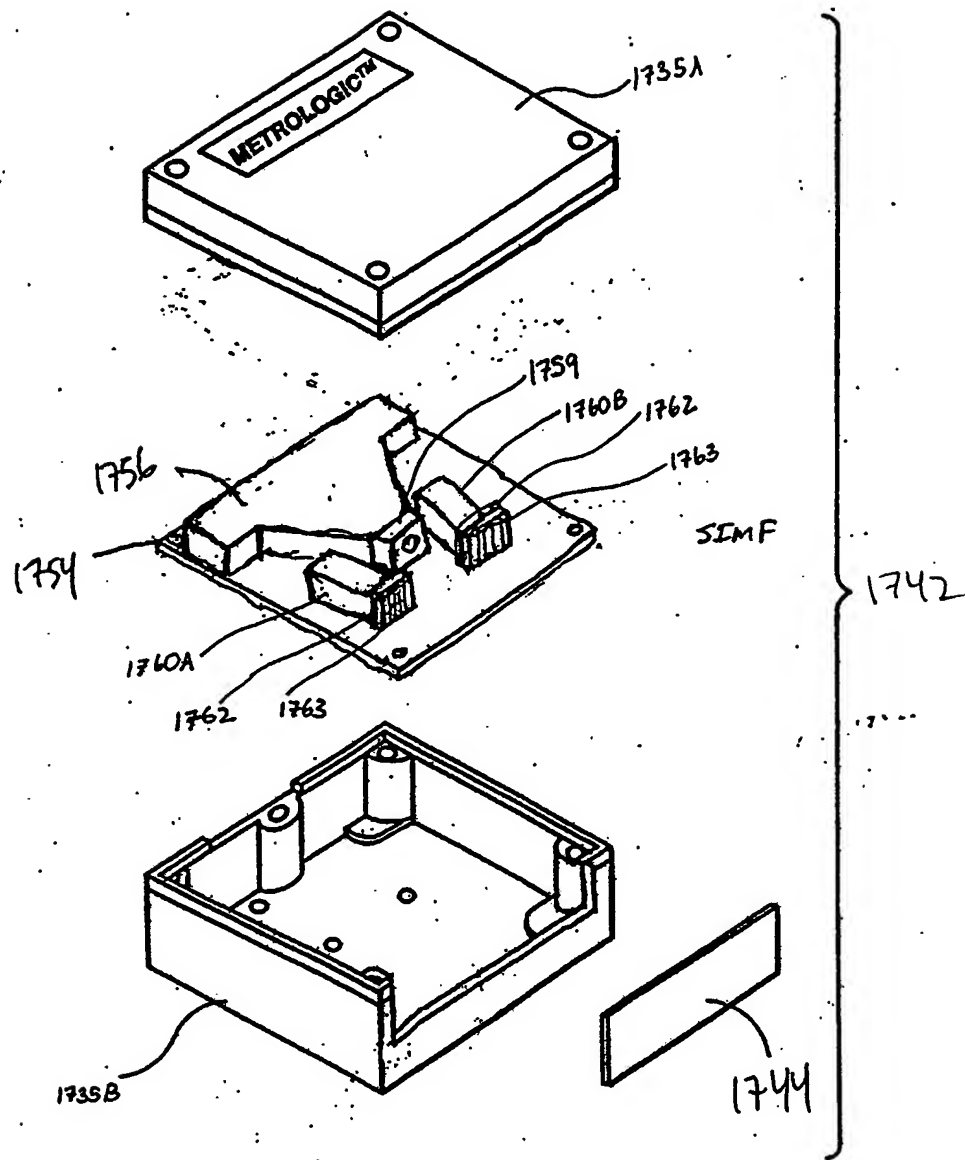


FIG. 49B

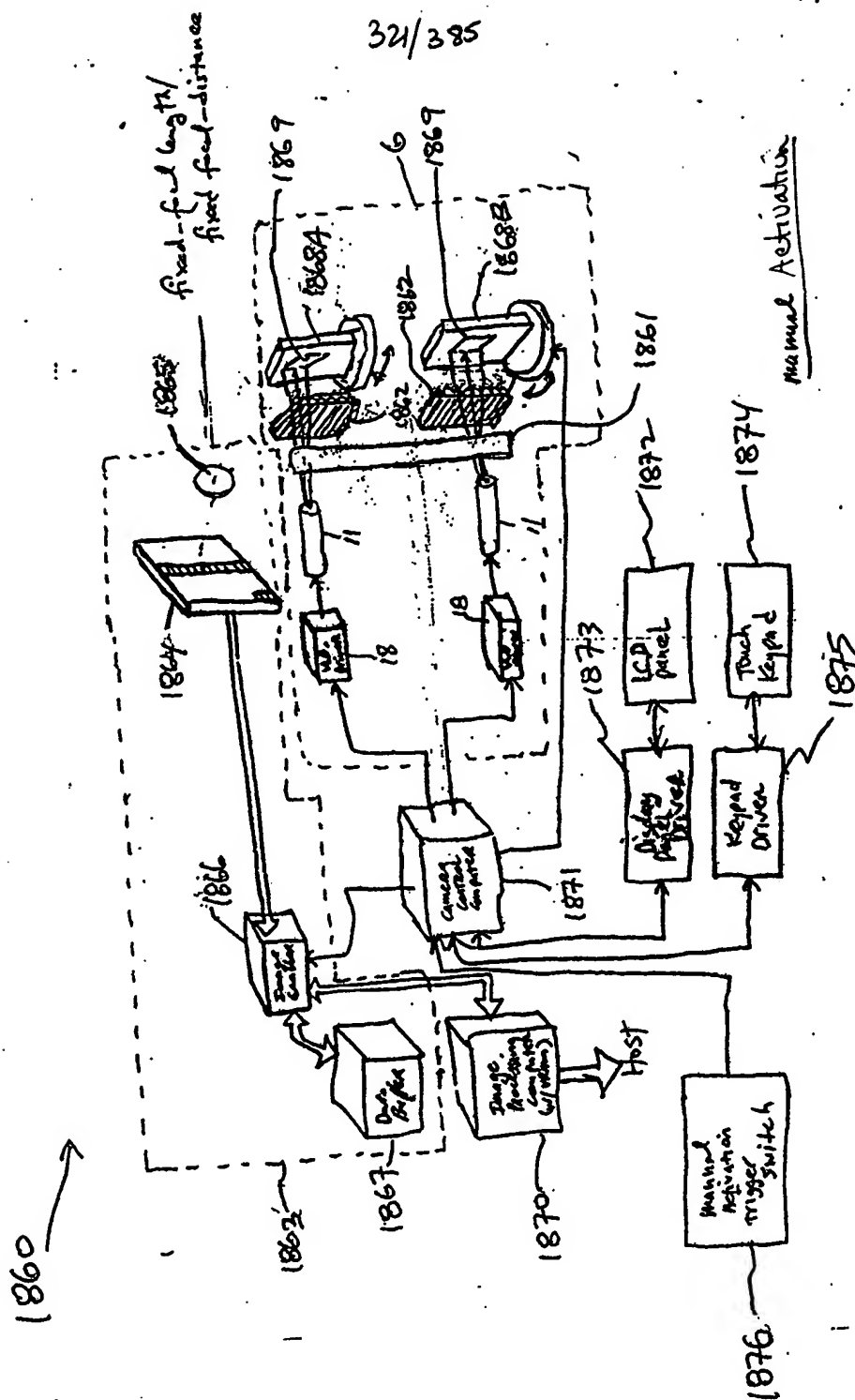
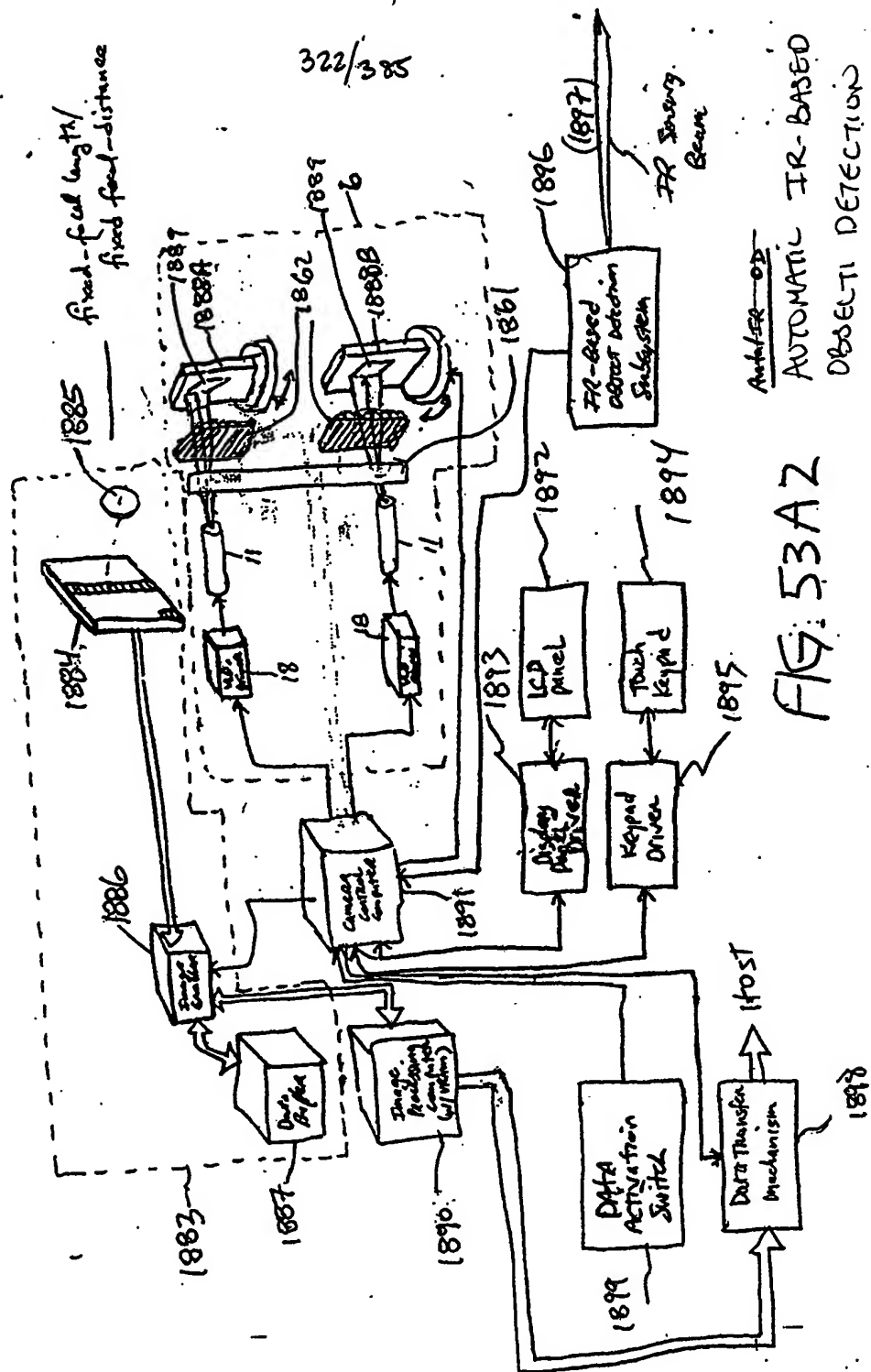


FIG. 53A1

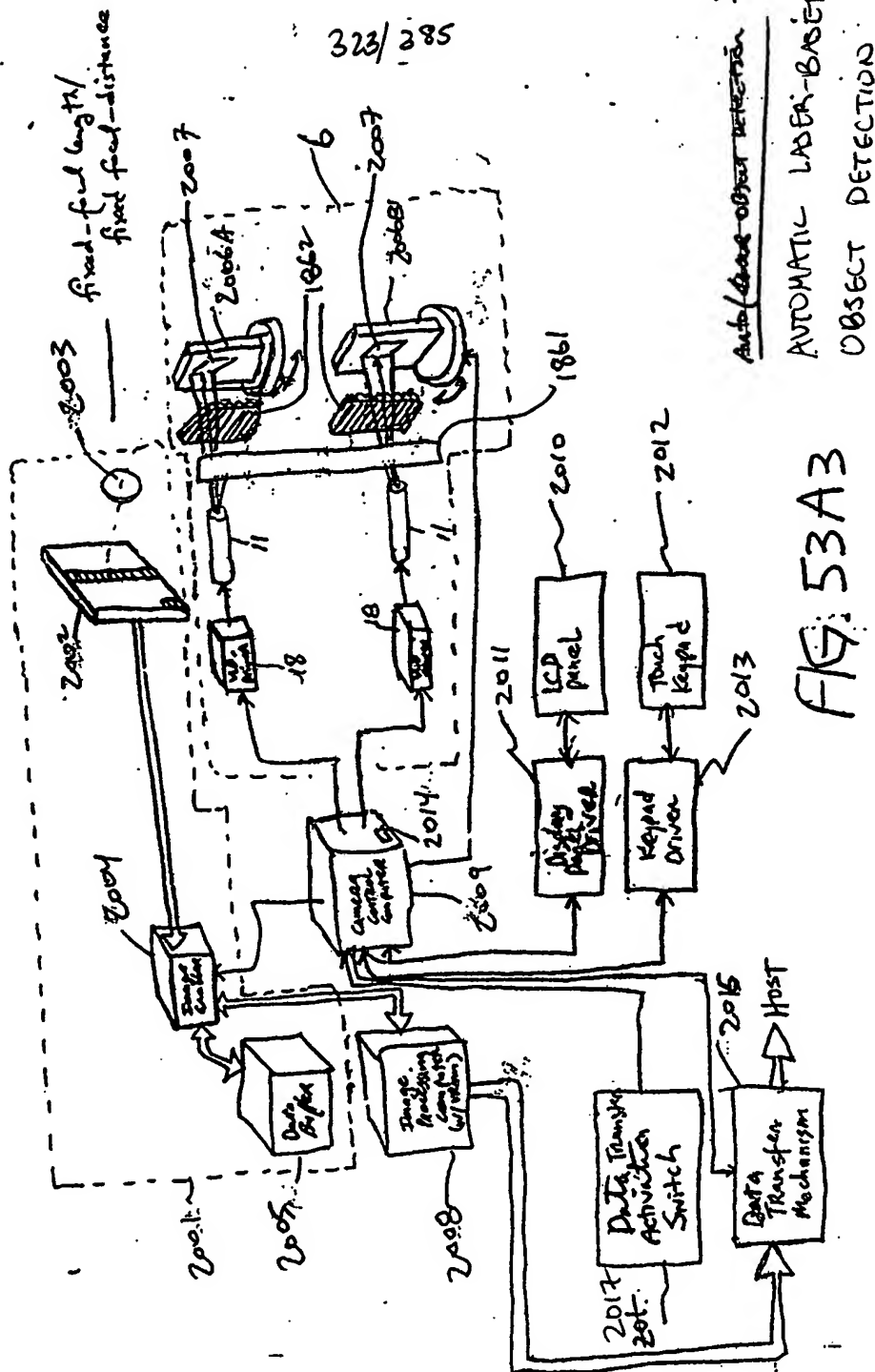
1880



Automatic IR-based
Object Detection

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2000 →

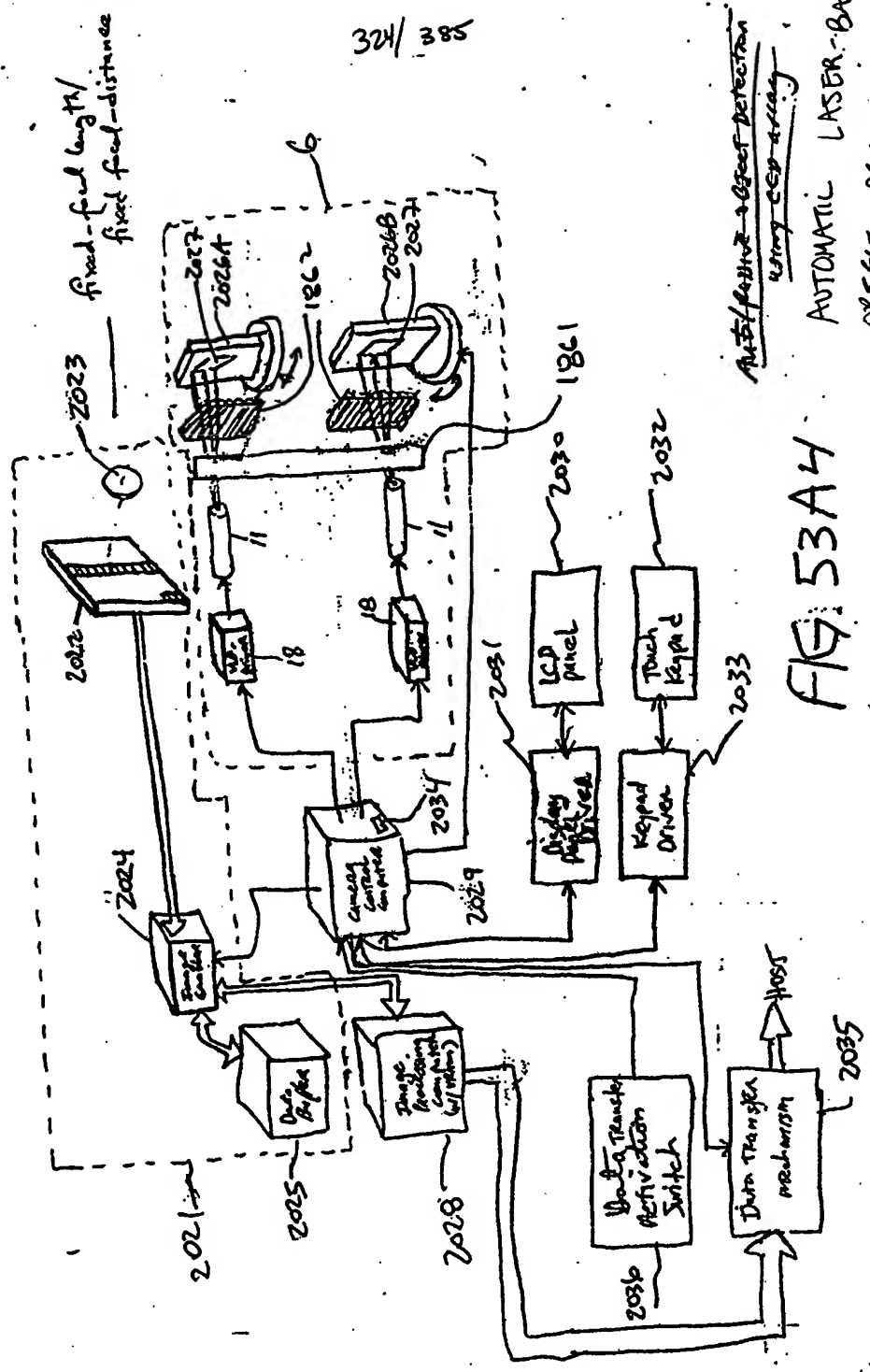


Auto (laser) object detection
AUTOMATIC LASER-BASED
OBJECT DETECTION

FIG. 53A3

2020 →

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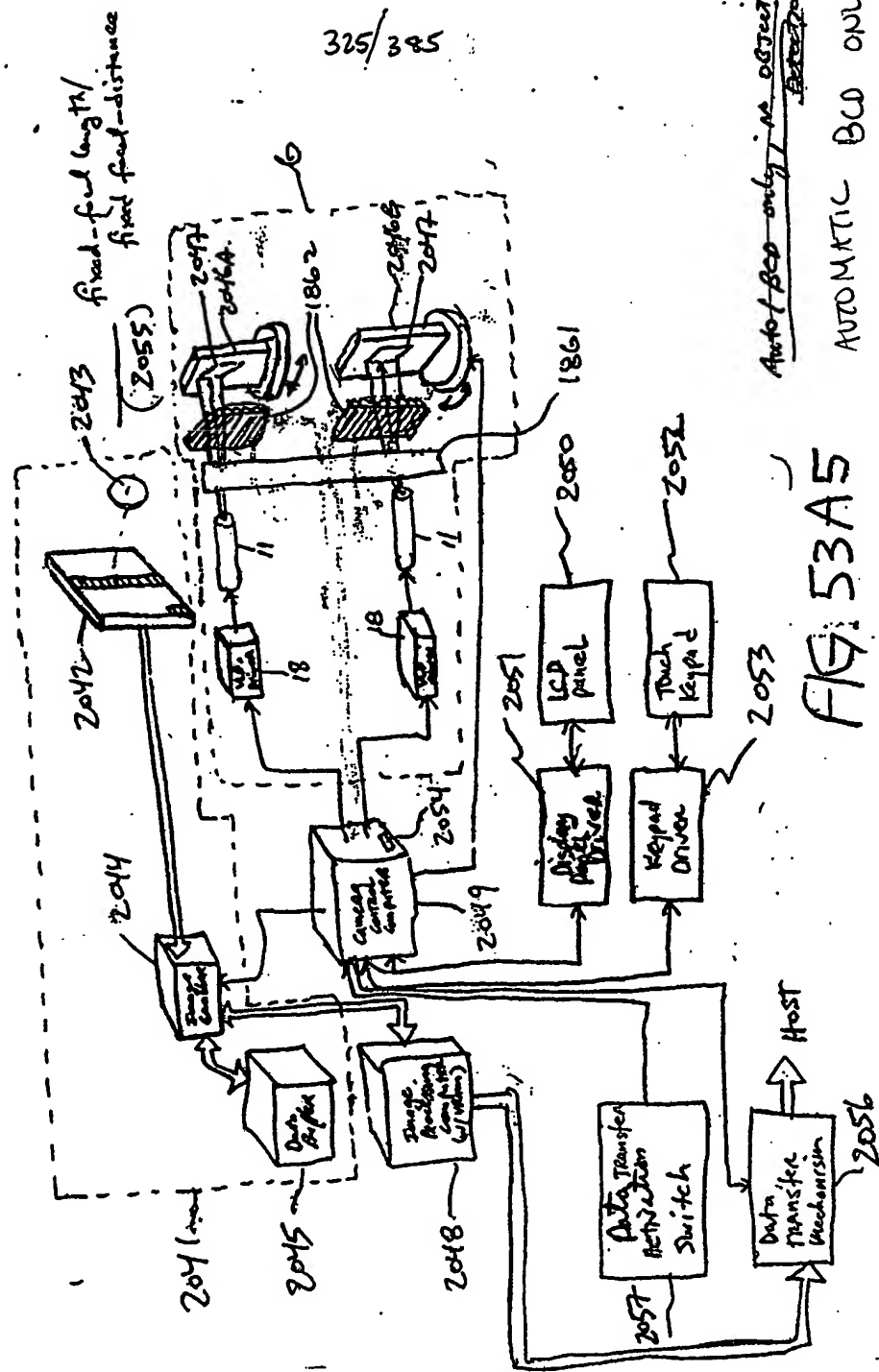
Automatic Laser-Based Object Detection using CCD array

FIG. 53A4

AUTOMATIC LASER-BASED
OBJECT DETECTION
USING CCD ARRAY

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2040 →

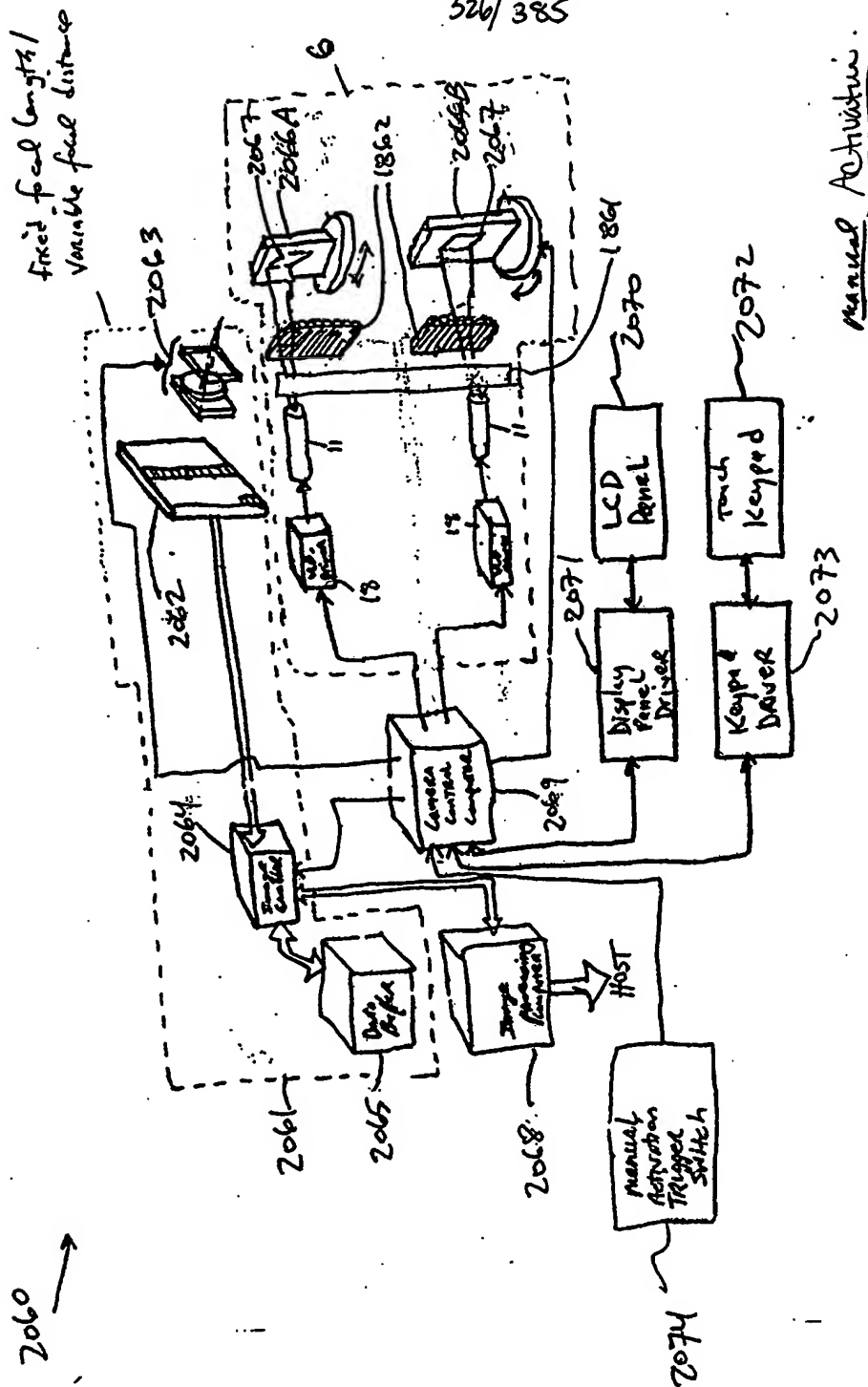


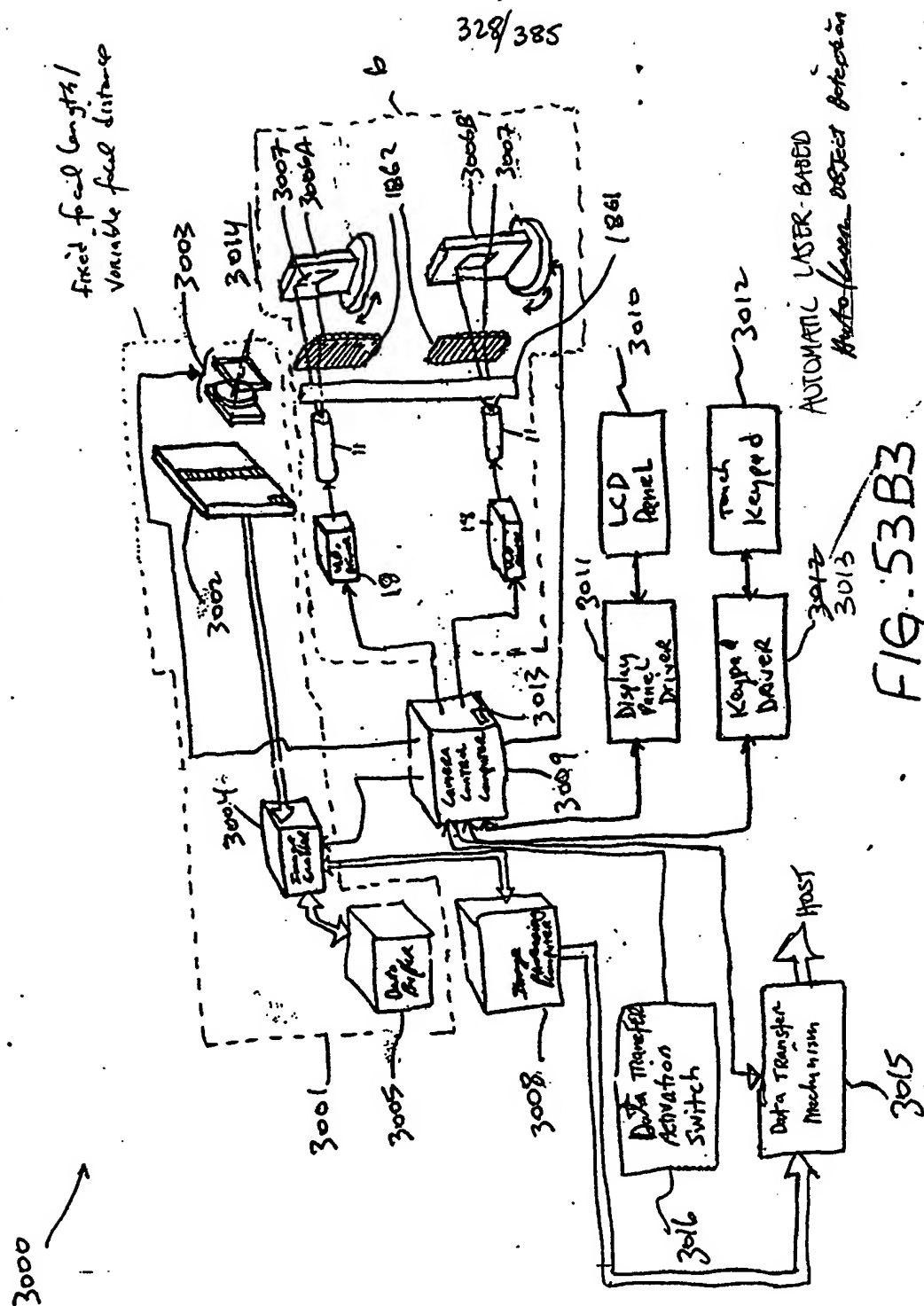
Auto / BCD only / No object

AUTOMATIC BCD ONLY WITH
NO OBJECT DETECTION

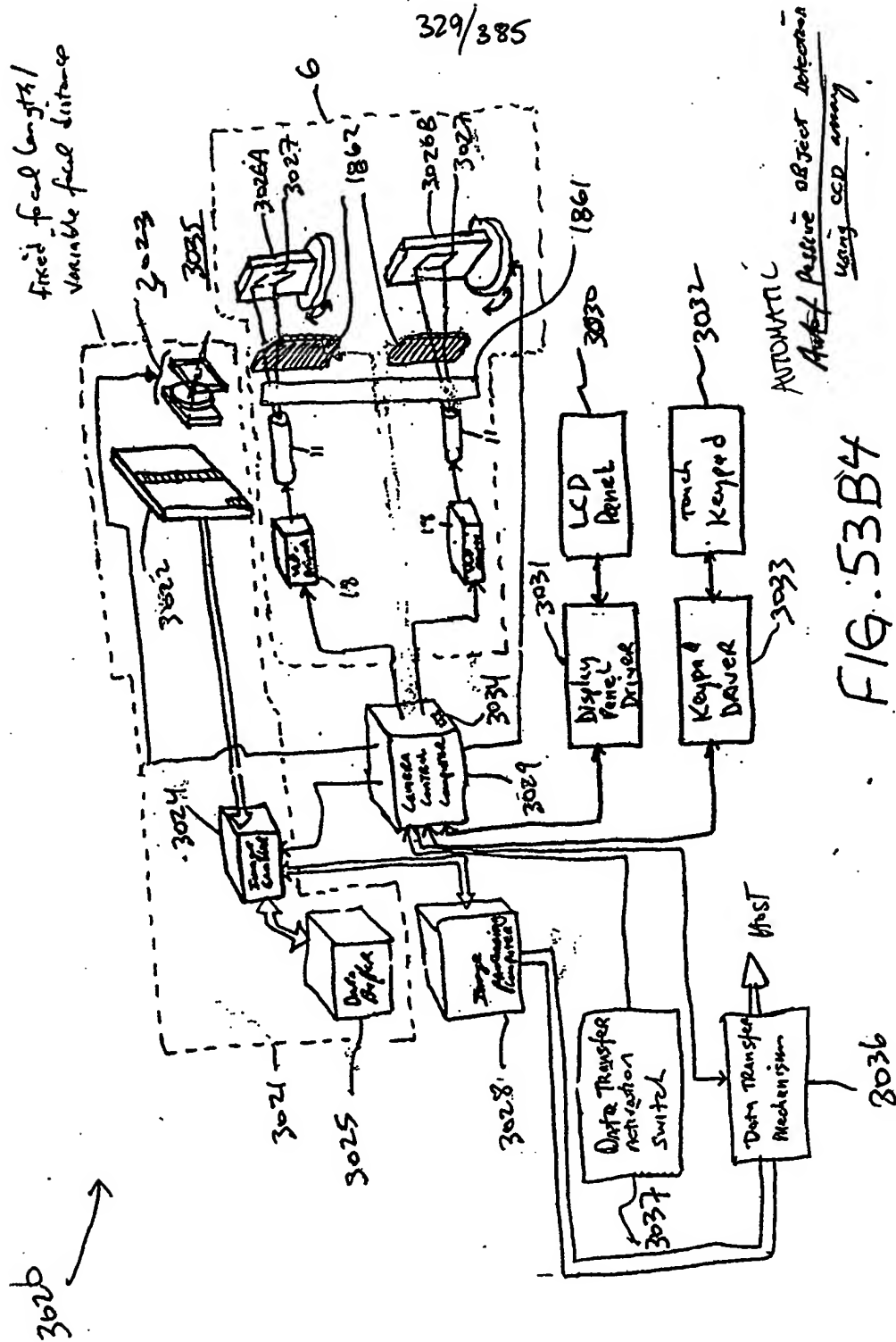
FIG. 53A5

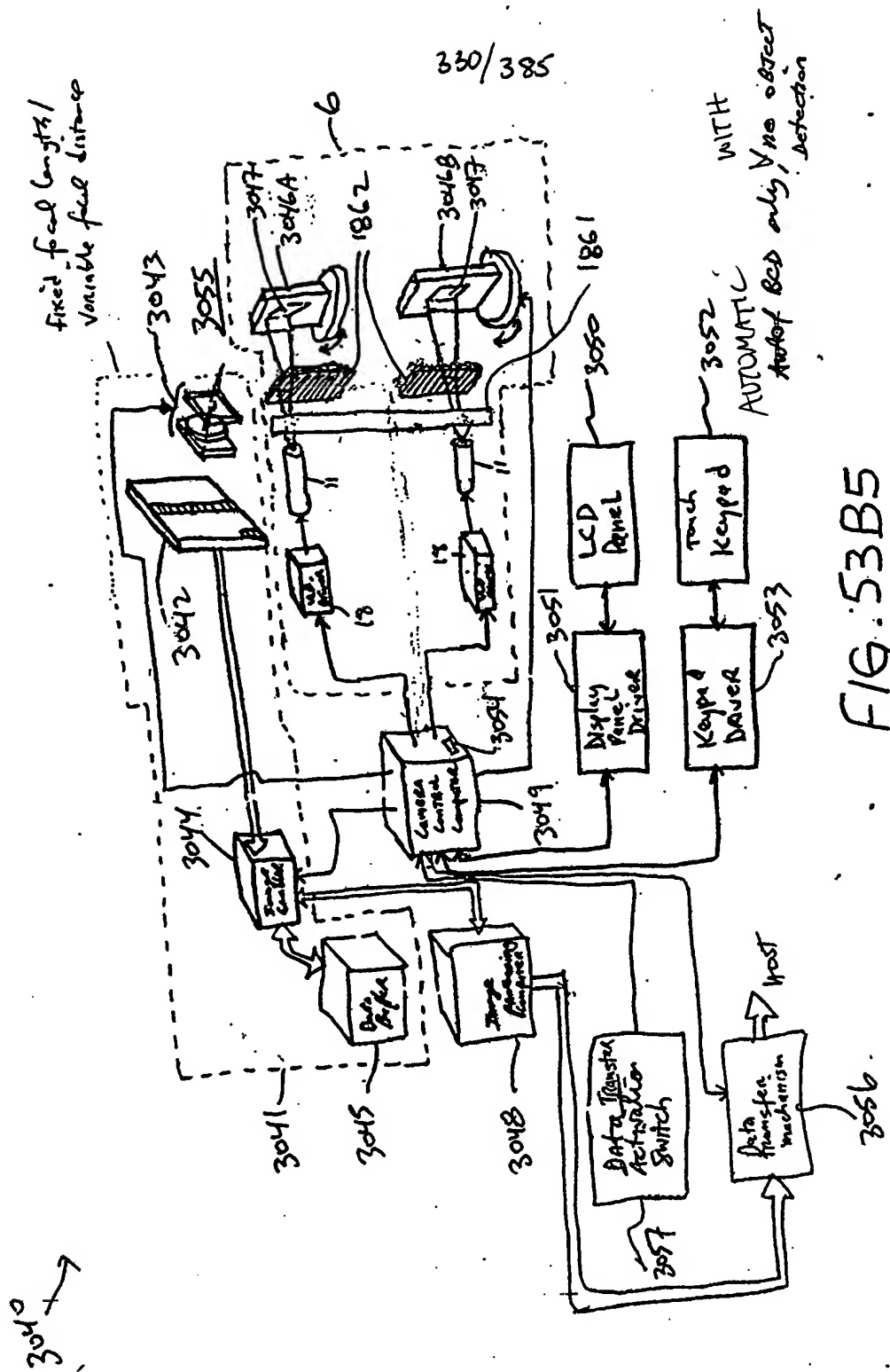
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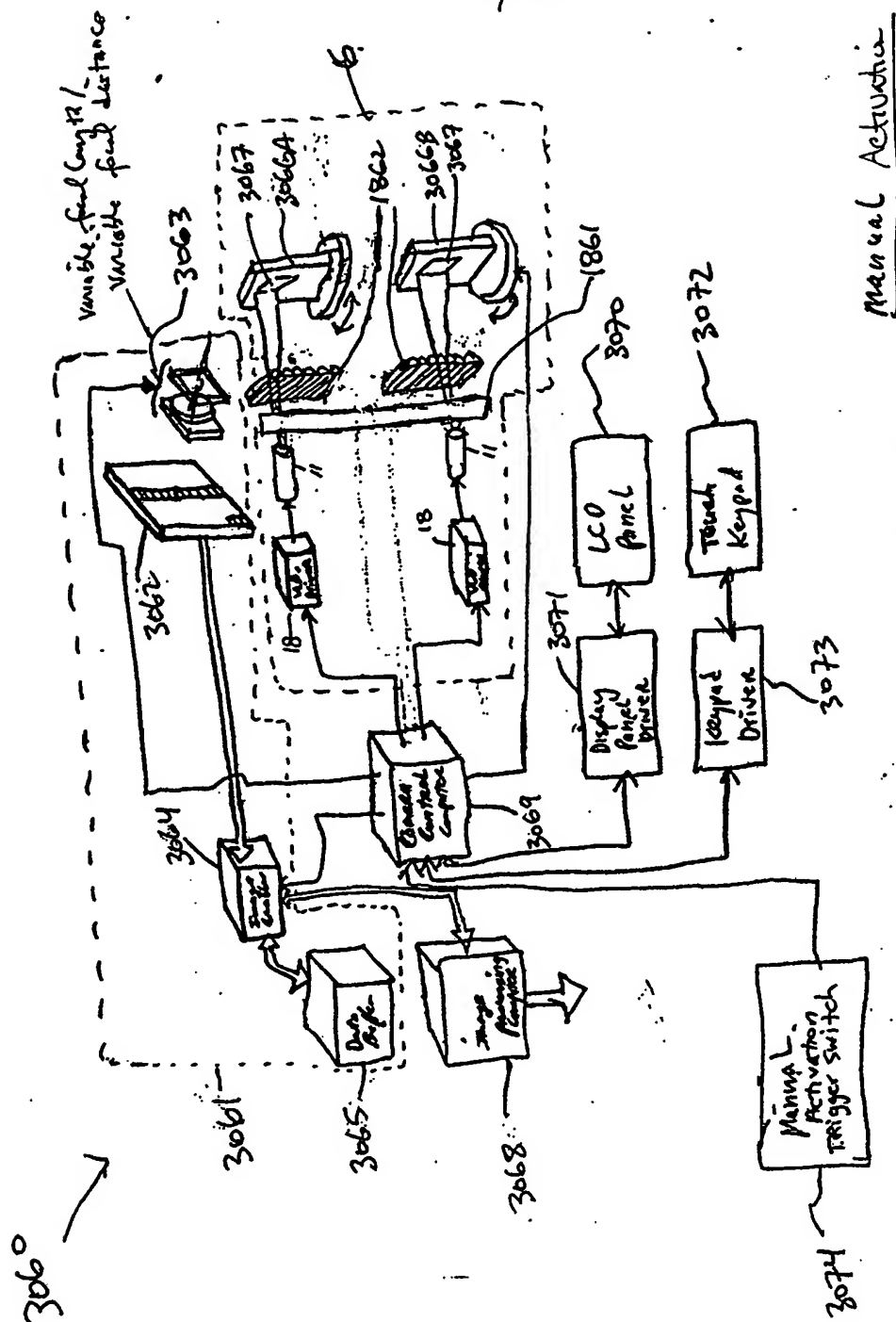




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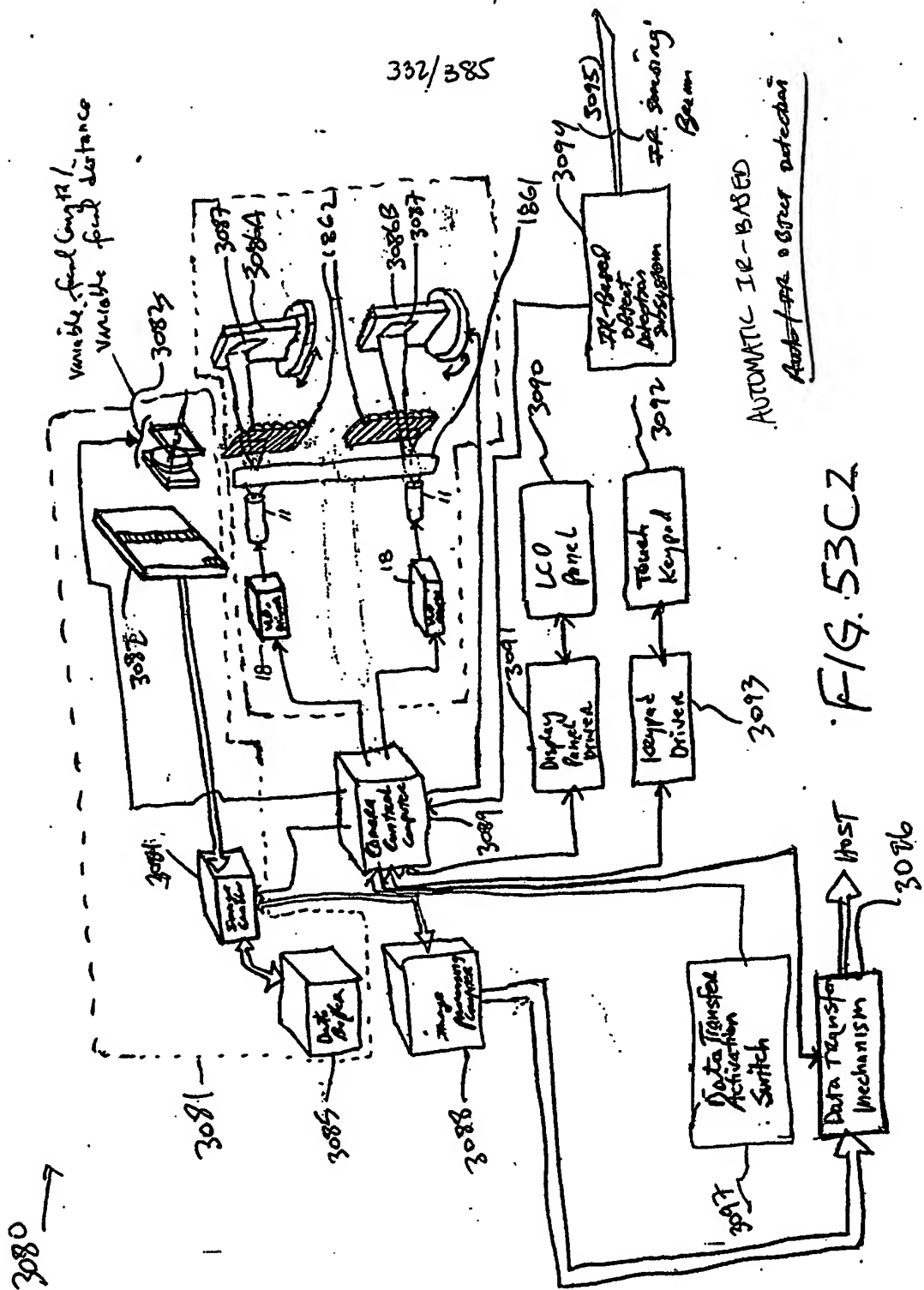




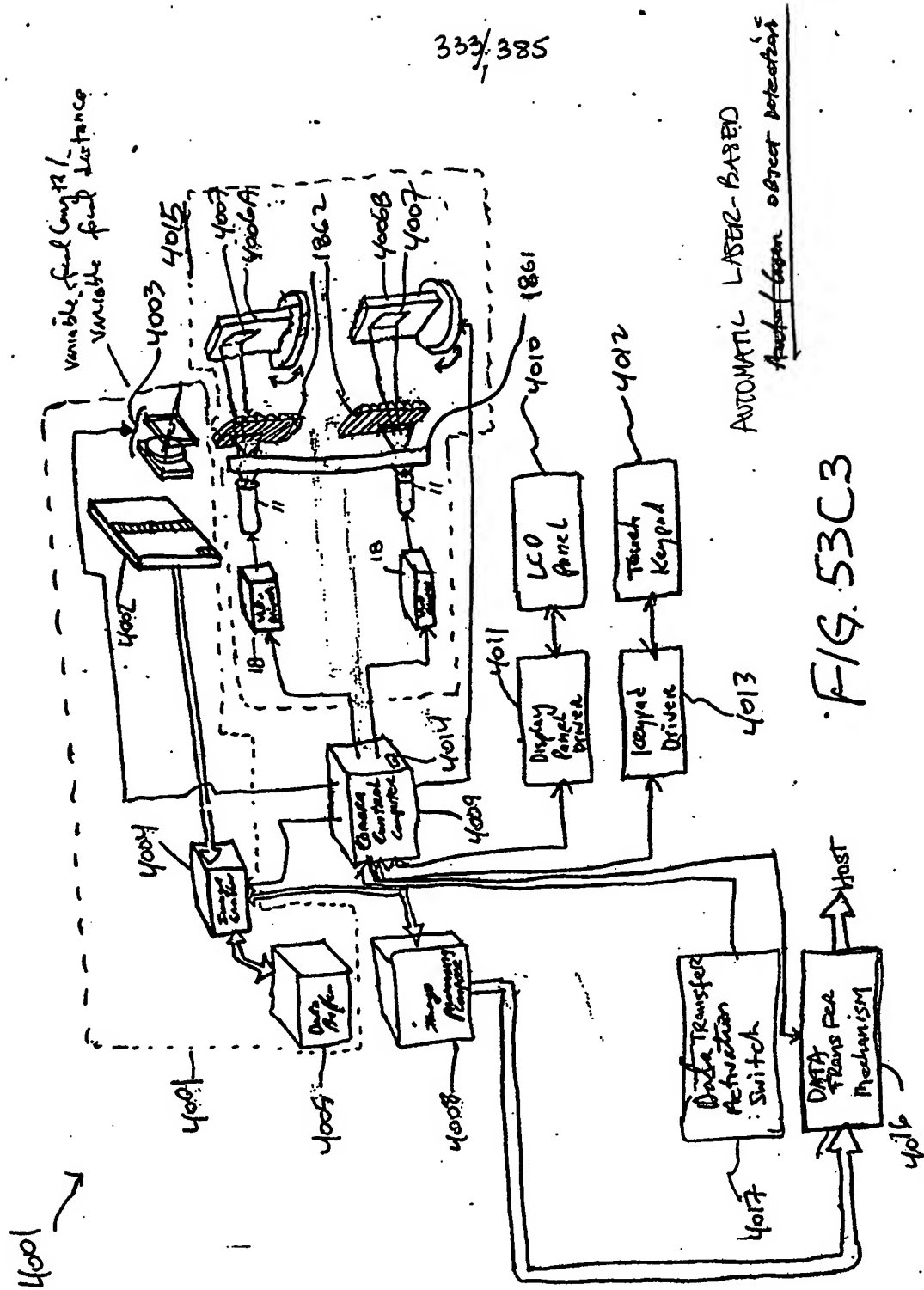


Manual Activities

FIG. 53C1



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AUTOMATIC LASER-BASED
~~object~~ object detection

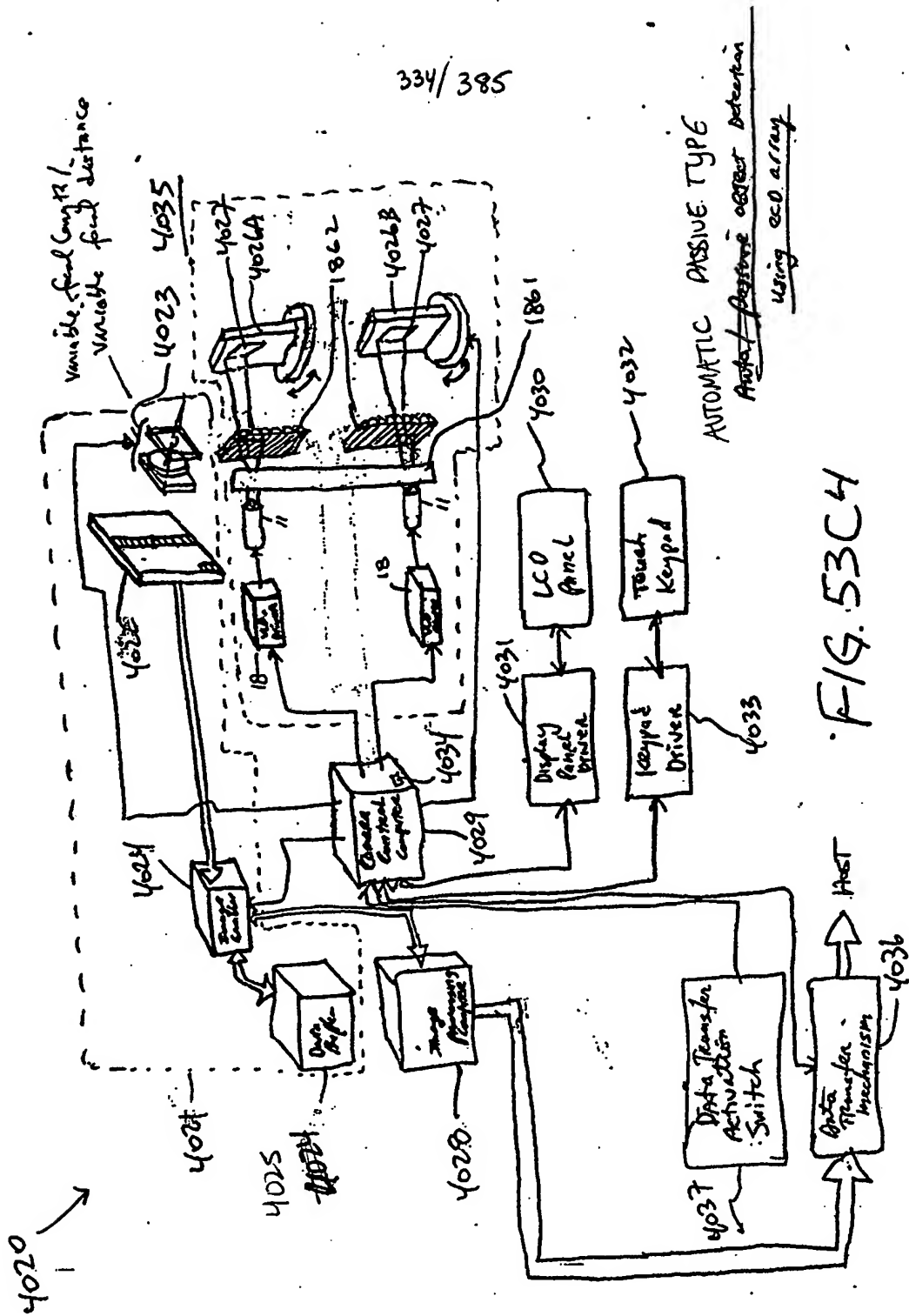
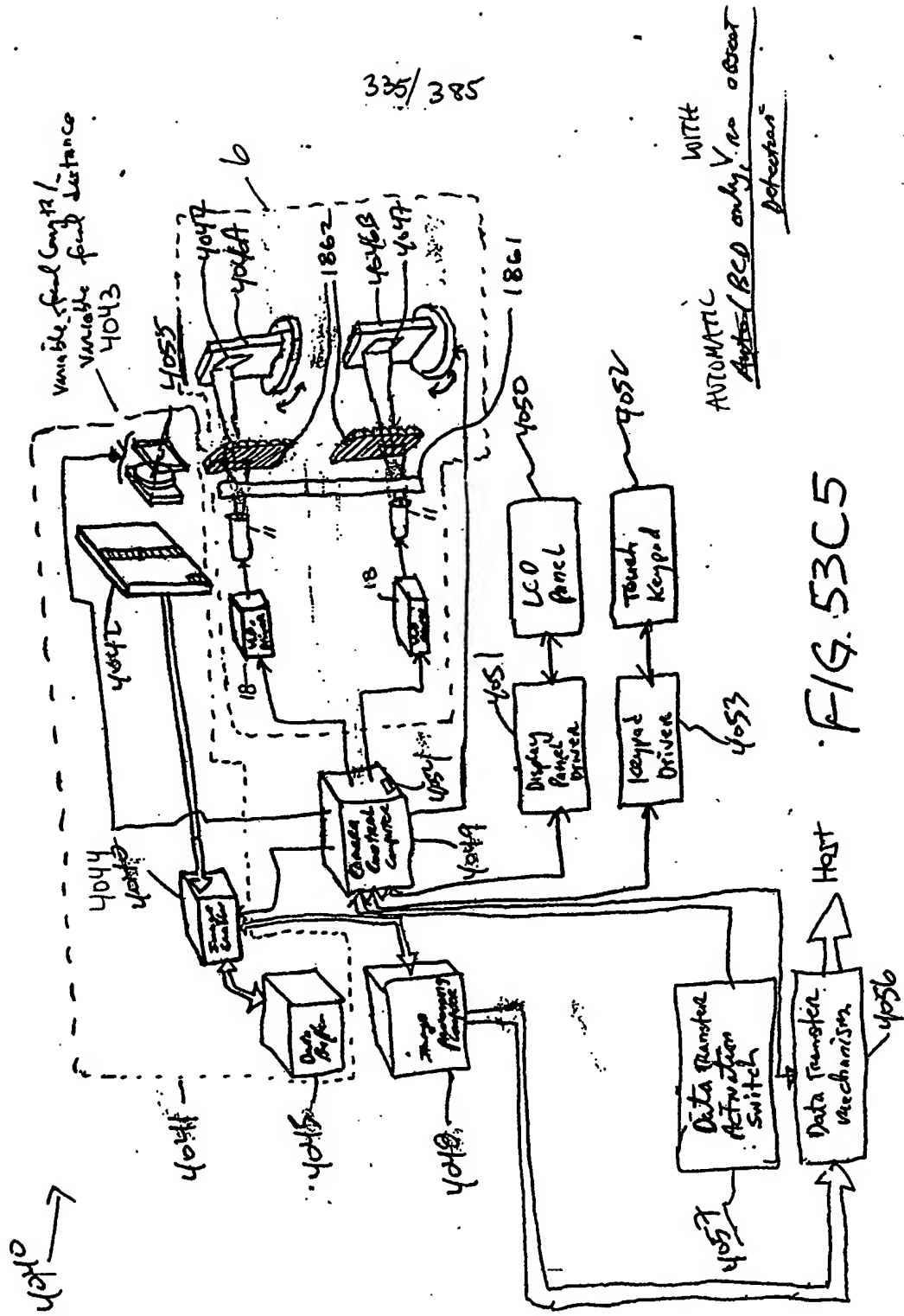


FIG. 53C4



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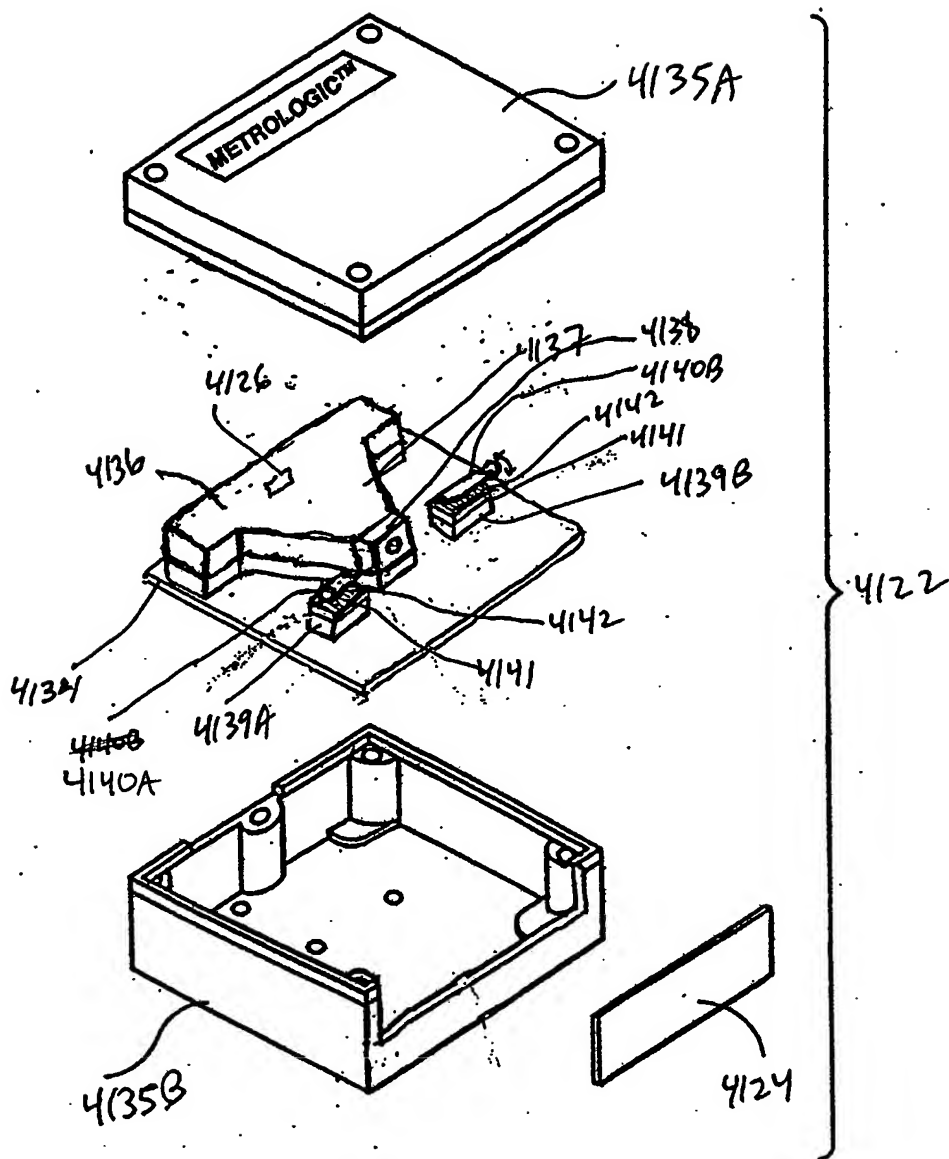


FIG. 56B

DM

Fig. 1I 7A-7C

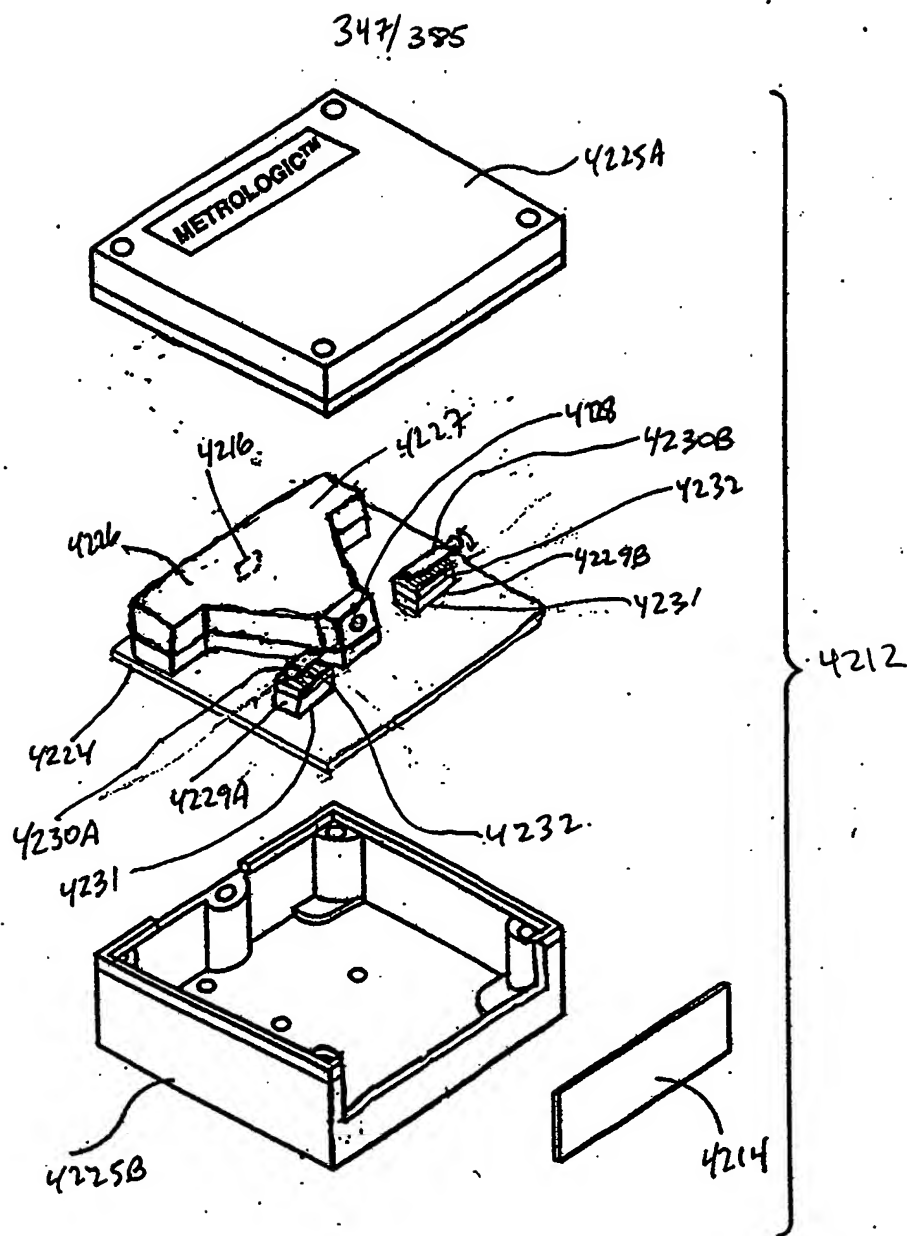


FIG. 59B

MLLD
Fig. 1E15A-15B

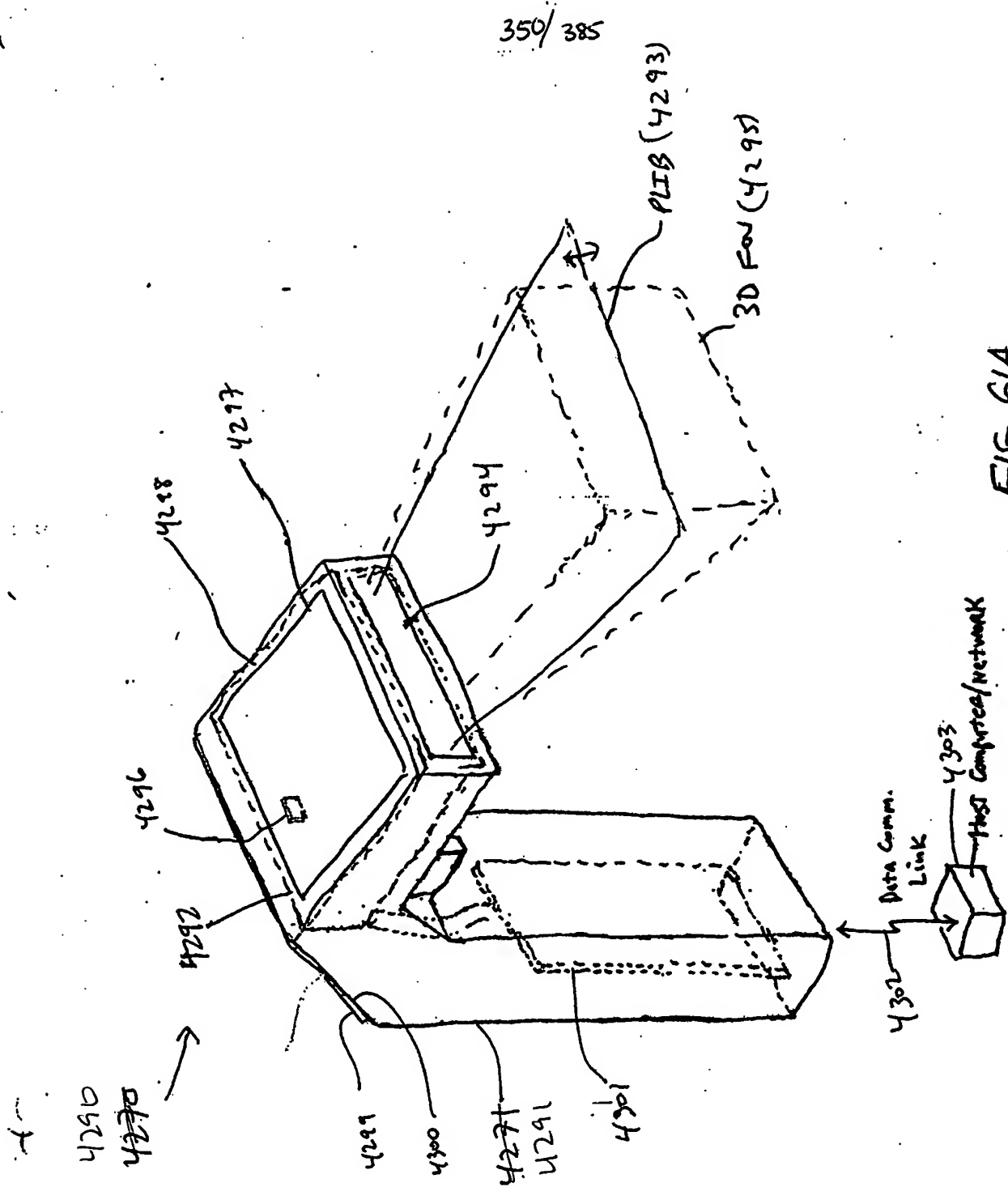


FIG. 61A

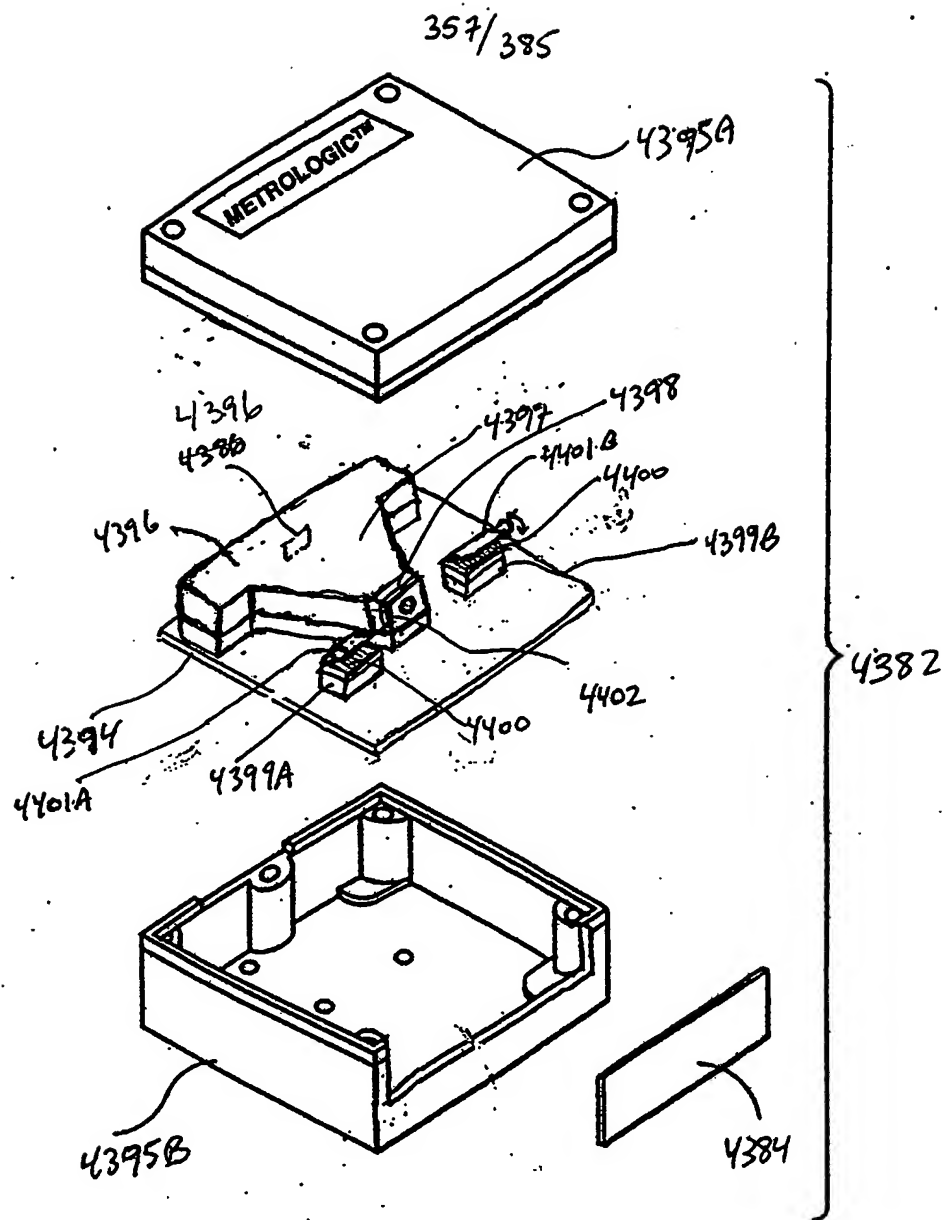


FIG. 64B

* E-optical
Shutter before
DP lens
Fig. 1124A

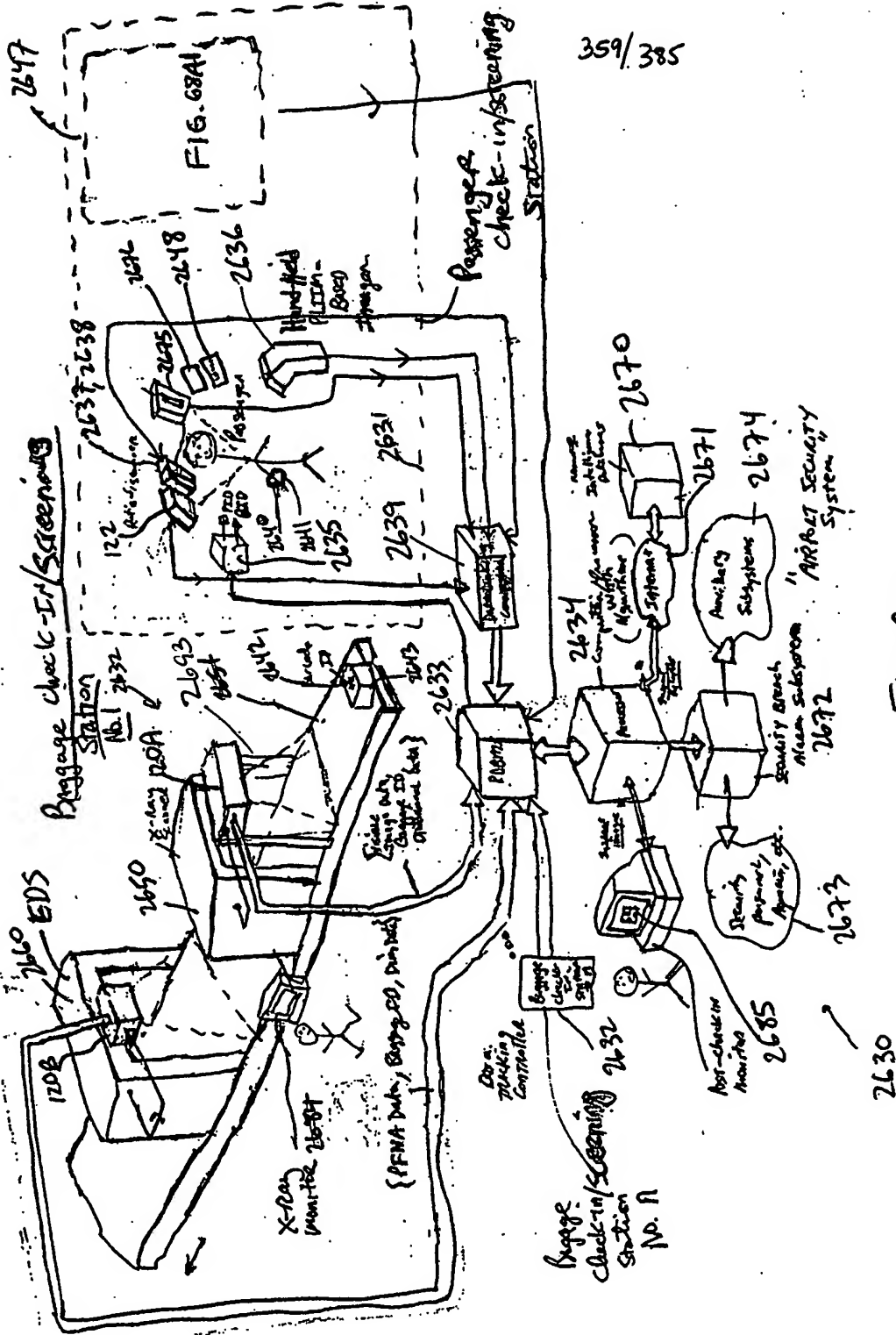


FIG. 60.
FIGS. 60-1 through 60-3

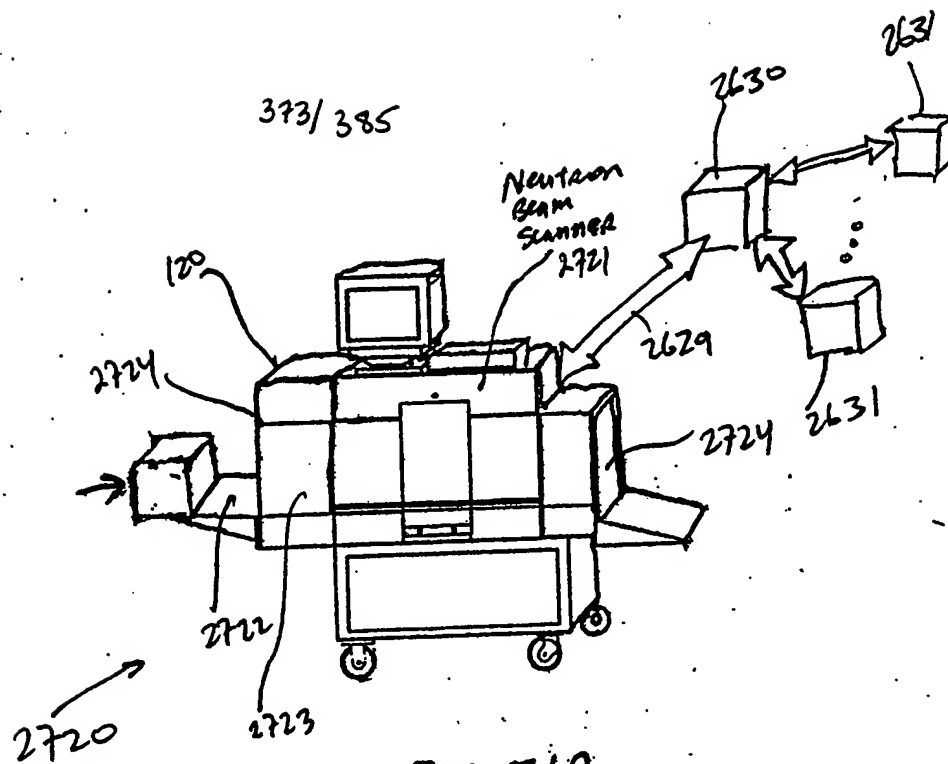


FIG 7IA

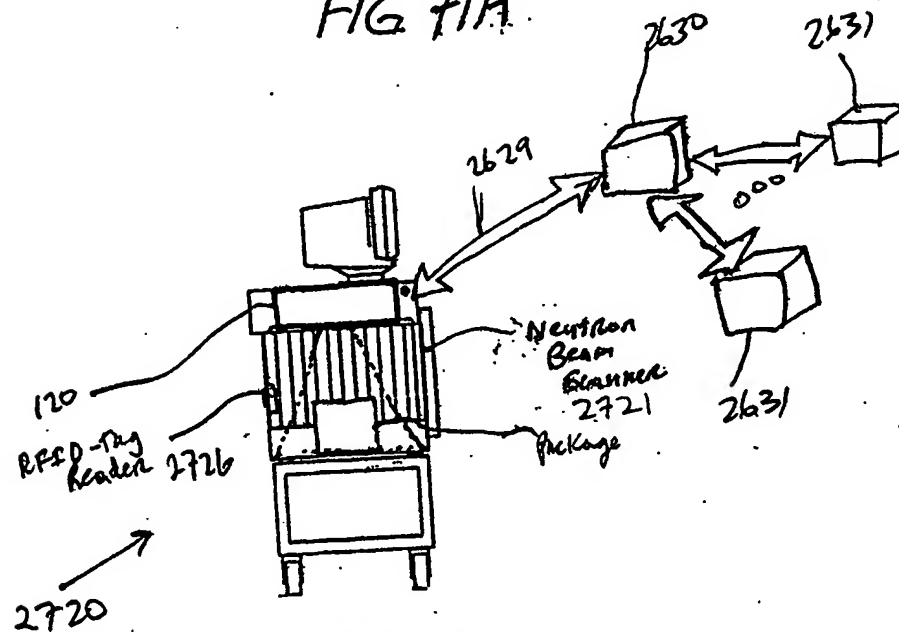


FIG 7IB